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Supreme Court Reporter



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COMPLIMENTS OF

RAILROAD COMMISSION OF WISCONSIN

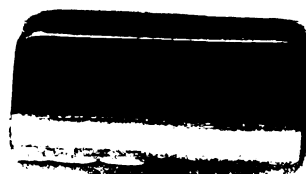
B. H. MEYER
HALFORD ERICKSON
JOHN H. ROEMER

COMMISSIONERS

J. M. WINTERBOTHAM, SECRETARY

Madison, Wisconsin

Supreme Court Reporter



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SECOND ANNUAL REPORT

OF THE

RAILROAD COMMISSION

OF WISCONSIN

From June 30, 1907, to June 30, 1908.



MADISON, WIS.
DEMOCRAT PRINTING COMPANY, STATE PRINTER
1908

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MADISON, WIS., Dec. 7, 1908.

To his Excellency,
HON. JAMES O. DAVIDSON,
Governor.

As required by law, we have the honor to submit our Annual Report containing an account of all matters pertaining to this office from June 30, 1907, to July 1, 1908.

RAILROAD COMMISSION OF WISCONSIN,

BY J. M. WINTERBOTHAM,
Secretary.

PART I.

General Account of the Work of the Commission.

When the Railroad Commission of Wisconsin was first organized, its duties were restricted to the regulation of railroads and facilities incidental thereto in their relations to the general public. The nature of the work performed under this law has been set forth at length in the First Biennial and First Annual Reports, heretofore published, and also in Volume I of the Decisions of the Commission. Subsequent amendments have removed all doubt regarding the power of the Commission over electric, urban and interurban, railroads under the law.

Since the period covered by the last report, the jurisdiction of the Commission has been greatly enlarged, until it is now charged with the supervision, not only of the railroads, but of other public utilities, including water, gas, electric light, heat, power and telephone companies. In addition, it has jurisdiction over the issues of securities by railway and other public utility corporations, and the power of determining whether public necessity and convenience demand the building of additional lines of railways, or additional water, gas and electric plants in communities where there is in operation a plant of similar character under an indeterminate franchise.

It is charged with the duty of prescribing proper and uniform accounting methods and of requiring from all companies under its jurisdiction reports containing operating and financial and other data, including schedules of rates charged for the service rendered.

Among its minor duties it has been charged with the enforcement of the law relating to the hours of employment for railway employes; with power over railway terminals; power to require railroads to install telephone service; to compel railroads to furnish connection with spurs running to industries; power to determine the value of public utilities, including street railways, in condemnation proceedings by municipalities under the Public Utilities Law; and under the provisions of sec. 1797—1-12, of the Laws of 1907, to enforce statutory regulations regarding wires and other overhead obstructions crossing railway tracks; and also supervision over the company organized by special act of the legislature for the purpose of the conservation of the water supply of the Wisconsin river, and the regulation of the water powers along that river.

These duties necessitated the re-organization of the expert and clerical force, in order promptly to handle the vast volume of business which confronted the Commission. Accordingly, a larger statistical force was engaged and preparations made for assuming the duties charged upon the Commission.

There has been great activity in the state of Wisconsin in the fields over which the Commission has jurisdiction. It may be said that there is no hamlet in the state so insignificant that it has not either a water, gas, electric or telephone utility to administer to its wants. As many of these utilities are owned by individuals, great difficulty was experienced in determining their names and locations as a preliminary preparation for the work. This has been accomplished and it is believed that the companies referred to in other parts of this volume include all, or practically all, of the utilities operating in the state of Wisconsin.

There are 54 steam railway companies doing business in the state, 25 street and interurban railways, 7 express companies and 2 telegraph companies, in addition to sleeping car and other private car companies; also persons, firms and corporations operating utility plants as follows:

Gas	52
Electric light and power.....	230
Water	141
Telephone	569
Heating	13

making in all 1093 companies under the direct jurisdiction of the Commission.

ORGANIZATION.

The above will indicate, in a slight degree, the nature of the work to be performed. It required the enlargement of the administrative force of the office; and as exact and scientific data are necessary upon which to base the decisions of the Commission, it became necessary at once, as suggested above, to reorganize the engineering and statistical departments of the Commission, and employ sufficient force to perform all such work with efficiency and reasonable promptness.

ADMINISTRATION.

Secretary.—The Secretary is charged with the general supervision over the administrative force of the office.

Assistant Secretary.—The details of the office work under the enlarged jurisdiction of the Commission required the services of an assistant secretary, who also acts as law examiner from time to time.

Docket Clerk.—There is employed one docket clerk whose duty it is to keep the records of the cases filed from time to time, and to file correspondence and keep up the card indices to the records.

Stenographers.—Subd. c of sec. 13 of the Railroad Commission Law provides that a full and complete record of all proceedings before the Commission shall be taken in shorthand and transcribed copies of such record shall be furnished to the interested parties free of cost. This has compelled the employment of additional stenographers from time to time as occasion demanded. The force in this regard consists of two stenographers whose entire time is given to reporting hearings of this nature and making typewritten transcripts of their notes; two stenographers who each give one-half of their time to the same work at half pay. In addition to this two stenographers are employed in correspondence and other detail work of the office, making tabulations and writing decisions and, when not thus employed, performing the clerical work about the office.

It being the clear intent and expression of the law that typewritten copies of transcripts of proceedings must be furnished free of cost to interested parties, the Commission has strictly

enforced the rule prohibiting stenographers from selling copies of transcripts. In court proceedings the sale of such copies is the source of a not inconsiderable part of the income of such stenographers. The amount of work done by the Commission's reporters can be judged by the tabulations hereinbelow given. Another tabulation will show the output of the entire force of stenographers, which is based upon carefully kept records.

Railway and Other Tariffs.—In order that the tariffs filed by the railway and utility companies under the jurisdiction of this Commission might be in an available form, and to render them most useful to the Commission, a tariff department has been organized, which department handles, arranges and files the tariffs as they are received from the various companies. Here also are compiled the comparative tabulations of rates, used in the decisions of the Commission and also called for by inquiries of shippers and the users of the service of utility companies.

Office Hours.—The Commission has followed the rule observed in other departments of the capitol in regard to office hours, which are from 9 a. m. to 12 m. and from 2 p. m. to 5 p. m. from Monday to Friday inclusive, and from 9 a. m. to 12 m. on Saturday, making six hours the standard day's work for all days except Saturday, and 33 hours the standard week's work; a system was instituted on May 1, under which the employes were required to register upon arrival at and departure from their work. These records have been carefully kept and compiled from May 1 and, excluding the time lost on account of illness and when employes were absent from the office for other good reasons, the average week's work for all employes is in excess of the time required by the rules of the office.

THE ENGINEERING DEPARTMENT.

I. HISTORICAL.

The employment of an engineering staff in the service of the state of Wisconsin had its origin in connection with the appraisal of the steam road properties of the state, under the provisions of the Ad Valorem Tax Law of 1903. Under the terms of that law the state board of assessment found it necessary to have a valuation made of the physical property of the steam roads of the

state, and an expert staff was organized for this purpose, following the general practice adopted in the Michigan railroad appraisals of 1900-1901. The staff for the 1903 Wisconsin appraisals was organized under three general heads or chiefs of departments, respectively, responsible to the chief engineer for the permanent way, the lands and the mechanical features. Some 35 experts and assistants were employed in all, with a total at any one time of about 25 persons.

After the completion of the initial valuation reports in 1904, it was found practicable to maintain the annual revisions with a force of only two persons assisting the engineer in charge. The staff was maintained upon this minimum basis until January, 1907, at which time the valuations of the physical property of the Milwaukee street railway system was undertaken for the joint purposes of the tax and railroad commissions. For a brief time during this interval, the engineer of the state board of assessment rendered service to the railroad commissioner of Wisconsin, by making an examination of the physical condition of the principal railroads of the state and submitting a report upon the same to the commissioner.

The act of 1905, creating the Railroad Commission, provided for the joint use of valuation and other data on file in the office of the state board of assessment. Due to this fact, and also to the need of engineering services in connection with the investigations carried on by the Railroad Commission, arrangements were made whereby a single engineering staff should serve the two state commissions. The formal arrangement providing for this relationship went into effect July 1, 1906, some six months previous to undertaking the valuation of the Milwaukee street railway properties above referred to.

With the resumption of active work on a large scale, the staff was again enlarged and also re-organized, to provide for the broadened scope of its work. The details of this organization are given elsewhere in this report (see division IV. of report).

With the completion of the work on the Milwaukee properties about July 1, 1907, the physical valuation of the remaining electric railway properties of the state was undertaken, and soon thereafter came the initial steps on the valuations of water, gas, electric and telephone properties under the provisions of the Public Utilities Law of 1907. The details of the valuations and

of the other engineering service rendered by the staff are described below. The organization of the staff which had been provided for the electric railway valuations, with but few minor changes and extensions, was found to meet the requirements of the Public Utilities Law.

II. WORK OF THE ENGINEERING STAFF UNDER THE PUBLIC UTILITIES LAW.

The scope of the work performed by the engineering staff under the direction of the Railroad Commission by the terms of the Public Utilities Law is indicated by the following general outline:

Office Staff: Engaged in the reduction of field notes, the compilation of valuation and other reports, and the systematic collection and filing of cost data and other records.

Civil Engineering Department: Engaged in the inspection and valuation of the following classes of physical property: lands; buildings and miscellaneous structures, such as gas holders, standpipes, reservoirs, dams, wells, machinery foundations, etc.; earthwork, paving, etc.; pipe distribution systems of water, gas and steam heating plants, including tunnels for same; office furniture and appliances; horses, wagons, etc.; tools, stores and supplies pertaining to above items; etc. Also investigations, in co-operation with other departments, with respect to the operating conditions of water works plants, including fire steam tests, improvements of water supply, tests of water meters, etc.

Mechanical Engineering Department: Engaged in the inspection and valuation of power plant machinery and appliances (exclusive of electrical features); equipment in steam and hot water heating plants (except street mains); piping in gas plants; shop tools and appliances; tools, stores and supplies pertaining to the above items; etc. Also investigations, in co-operation with other departments, with respect to operating conditions and improvements of service in water works and steam heating plants, power stations, etc.

Electrical Engineering Department: Including the inspection and valuation of electrical machinery and appliances in power plants and elsewhere; electrical distribution systems and telephone systems, overhead and underground; tools, stores and supplies pertaining to the above items; etc. Also investigations

of telephone service and studies of operating conditions of electric lighting and power plants, with a view to improvements in the service rendered by same.

Gas Engineering Department: Including the inspection and valuation of machinery and appliances for the manufacture of gas; tools, stores and supplies pertaining to the same, etc. Also investigations of operating conditions, with a view to the improvement of service supplied by gas plants.

Gas and Electric Service Inspections: Including inspections and investigations of gas and electric service; tests and calibration of instruments used in service measurements; studies in connection with the establishment of standards of service; investigations for the electrolysis of water and gas mains; etc. Also investigations, in co-operation with other departments, with a view to suggest improvements in the operating conditions of gas and electric plants.

The authorization for the working organization provides for the staff members listed below:

- Engineer in charge.
- Office engineer.
- Civil engineer inspector.
- Chief mechanical inspector.
- Chief electrical inspector.
- Expert on light and heat.
- Field civil engineer inspector.
- Field mechanical inspector.
- Field electrical inspectors.
- Inspector of gas service.
- Inspector of electrical service.
- Assistant inspectors of gas and electrical service.
- Assistant field inspectors.
- Engineering computers.
- Clerks and stenographers.

This staff was recruited for the most part under a temporary rule passed by the civil service commission in January, 1907, authorizing the formation of a staff of experts for the valuation of the Milwaukee street railway properties. A modified rule, passed in December, 1907, providing for a permanent engineering staff, to serve jointly under the direction of the railroad and tax commissions, is still in force. However, a few of the members of the present staff are engaged exclusively in the public utilities work, and these were appointed as experts under the provisions of the Public Utilities Law.

It should be stated that membership on the staff has invariably been based upon ascertained fitness for the special service for which the appointment was made. The tenure of service has been remarkably steady, the personnel, except for the additions, being almost identical with that selected in January, 1907.

The methods now employed by the engineering staff in the valuation of the physical property of public utility plants, are in close agreement with those adopted early in 1907 for the valuation of the electric railway properties of the state for the joint purposes of the two commissions. These methods embrace the following distinct steps or processes:

1. The preparation of a detailed descriptive inventory.
2. Field examinations by a trained staff.
3. Determination of the cost new of each item.
4. Estimation of the depreciation of each machine or other item of property.
5. Calculation of the present value.
6. Summing up the detailed valuations by groups.

Preliminary Conferences: As an initial step in each important valuation, it is customary for the Commission's engineer to hold a joint conference with representatives of the company and the city, at which conference a formal request is extended on behalf of the Commission that all interested parties co-operate to the fullest possible extent with the Commission's staff in getting at the facts with reference to local conditions. These conferences have, as a rule, resulted satisfactorily, and in but few instances have the responsible officials of utility companies or cities withheld information and assistance, and then only temporarily.

Inventories of Physical Property: The preparation of preliminary inventories or descriptive check lists of the properties has been entrusted to the responsible officials of the public utility companies wherever practicable. Although in some cases this process has been found to lead to undesirable delays in the earlier stages of the work, it is believed, in general, to result ultimately in a saving of time. In cases where no inventory is supplied in advance by the company, the engineering staff, before going to the field, examines such office records as the companies may have and prepares a tentative check list for field use.

Field Examinations: The field examinations of the physical

property begin with a careful checking up of the inventory. For example, after a machine or any other item has been identified with respect to the check list, or the omission, if any, noted, a full description is entered in field note books or on printed forms. This descriptive record embraces all information which it is practicable to gather, either through a direct critical examination of the machine itself by trained observers, by inquiry of those long familiar with local conditions, or through other channels. The record includes such matters as the following: A comprehensive description of the machine in its original or new condition; whether new or second-hand when installed in its present service; if reconstructed at any time, the extent and character, and also the reasons for such reconstruction; date of installation, and also reconstruction, if any; character of service rendered by the machine, whether severe or moderate, continuous or intermittent, etc.; quality or character of maintenance, whether good, fair or poor; and any other information which may have a bearing in fixing the value of the item or judging of its operating value.

Throughout the progress of these field investigations due consideration is given to the fact that the Public Utilities Law provides for periodical re-valuations of each property examined, necessitating a permanent record from the very start. This view of the situation has naturally led to an open-minded attitude on the part of the Commission's staff and of the interested parties, with respect to rectifying any discrepancies discovered in the descriptive record.

Cost of Reproduction of Property, New: With a view to establish a definite and reliable basis for fixing costs, extensive investigations have been made relative to existing commercial conditions, with the result that a vast amount of cost data, as to the purchase and installation of the various kinds of physical property embraced in the public utility plants, is now available in the confidential records of the engineering staff. This information has been gathered from many sources, the most important of these being the actual contracts and other records of costs kept in the offices of the various public utility companies of the state, and the quotations and cost data of many kinds supplied through direct solicitation by manufacturers throughout the country. The records of the utility companies are made avail-

able to the Commission or its authorized agents by the terms of the Public Utilities Law.

In responding to these requests, the manufacturers, in a number of instances, have found it necessary to do considerable research work. In such cases it has been customary to offer to defray the necessary clerical expense involved in compiling the desired information. In but few cases, however, have these offers of reimbursement been accepted. The invaluable assistance thus extended by the manufacturers has resulted, not only from their being frankly and fully informed at the outset as to the special purposes for which the information would be employed, but also because of their desire to co-operate in an important public movement, based primarily upon substantial justice to all concerned. It should be stated in this connection, that the utility companies of the state have shown but little disposition to interfere with this free co-operation of the manufacturers. In the few instances where such interference has actually occurred, the utility officials have usually been quick to respond to the suggestion that such action was not only short-sighted, but also in direct violation of the spirit of fairness pervading this entire matter. In like manner citizens and officials of certain cities of the state, where a feeling of antagonism had developed against certain public utility companies, have in a number of instances desisted from what seemed to be an effort to withhold essential facts required by the engineering staff.

In addition to the sources of information above referred to, the members of the staff have been able to supplement their records of cost data through voluntary contributions from the professional notes of prominent engineers and by figures gathered from publications of technical societies, the columns of trade and technical journals, etc.

In order to avoid extreme variations in unit prices, due to violent fluctuations in market quotations, and also with a view to approximate as closely as practicable to the conditions which usually prevail in building up public utility properties, it has been the practice of the staff to use average prices for a term of years rather than to apply the current quotations or unit costs prevailing at the actual date of inventory. For this purpose the average price for the five-year period immediately preceding the date of valuation has been used whenever, in the judgment of the staff, such rule was practicable.

Depreciation of Value: In determining the allowance to be made for depreciation in value, due consideration is given by the staff to the actual conditions of each machine or other item of the property, taking into account also the age of the machine in connection with its probable ultimate efficient life, the character of the service, the standard or quality of maintenance, and such other elements as may aid in reaching a reliable judgment. In the steps leading up to such final conclusions, accumulated experience with reference to closely similar property, maintained to a like standard and operated under identical or similar conditions as to service, etc., receives due recognition. The individual item of physical property is judged with reference to its agreement with or departure from the average of such related group or class of property in fixing the probable useful life and in estimating the depreciation. Results obtained by this method in the valuation of physical properties of Wisconsin railroads and public utilities, aggregating many millions of dollars, have established the reliability of the method above described.

The Present Value: The depreciation percentage is customarily applied against the net or service value, found by deducting the scrap or residual value from the new value. The so-called "present value" is then determined by combining the scrap value and the depreciated service value. In those cases, where the scrap value is slight or much in doubt, the depreciation percentage is applied directly to the cost new to determine present value.

Summing up by Groups: The classification of the physical property by groups is based, as far as possible, upon actual similarity of items or similarity of use. Following are illustrations of the tentative groupings employed in the reports of physical valuations thus far submitted to the Commission in rate cases or for other purposes under the Public Utilities Law:

CLASSIFICATION SCHEMES USED IN REPORTS OF TENTATIVE
VALUATIONS OF PUBLIC UTILITY PROPERTIES SUBMITTED
TO THE RAILROAD COMMISSION OF WISCONSIN BY THE
ENGINEERING STAFF.

FOR WATER WORKS PROPERTIES.

1. Land.
2. Wells, intakes and suction.
3. Standpipes and reservoirs.
4. Distribution system.
5. Pumping plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
 (Total of items 1-9.)
10. (See note below.)
 Total of items 1-10.
11. Stores and supplies.
 Total of items 1-11.
12. Paving.
 Total of items 1-12.

FOR GAS PROPERTIES.

1. Land.
2.
3. Holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
 Total of items 1-9.
10. (See note below.)
 Total of items 1-10.
11. Stores and supplies.
 Total of items 1-11.
12. Paving.
 Total of items 1-12.

FOR ELECTRIC LIGHT AND POWER COMPANIES.

1. Land.
2.
3.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
 Total of items 1-9.
10. (See note below.)
 Total of items 1-10.
11. Stores and supplies.
 Total of items 1-11.
12. Paving.
 Total of items 1-12.

FOR COMBINED GAS AND ELECTRIC PROPERTIES.

1. Land.
2.
3. Holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR COMBINED WATER, GAS AND ELECTRIC PROPERTIES.

1. Land.
2. Wells, intakes and suction.
3. Filters, reservoirs and holders.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR COMBINED ELECTRIC RAILWAY AND LIGHT PROPERTIES.

1. Land.
2. Track and track structures.
3. Cars and car equipment.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
Total of items 1-9.
10. (See note below).
Total of items 1-10.
11. Stores and supplies.
Total of items 1-11.
12. Paving.
Total of items 1-12.

FOR TELEPHONE PROPERTIES.

1. Land.
2. Exchange equipment.
3. Telephones and appliances.
4. Distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
- Total of items 1-9.
10. (See note below).
- Total of items 1-10.
11. Stores and supplies.
- Total of items 1-11.
12. Paving.
- Total of items 1-12.

NOTE: Addition of percentage to cover engineering and supervision, interest during construction, contingencies, etc.

List of Properties Valued: Following is a list of physical valuations of public utility properties for which tentative reports were submitted or upon which the staff was engaged during the year ending June 30, 1908:

WATER WORKS PLANTS:

Antigo.
 Appleton - in progress June 30, 1908.
 Ashland.
 Manitowoc.
 Marinette — in progress.

GAS PLANTS:

Manitowoc — in progress.
 Racine — in progress.

ELECTRIC PLANTS:

Dodgeville.
 Eau Claire.
 Hudson — in progress.
 La Crosse — in progress.
 Manitowoc — in progress.
 Marinette.

COMBINED GAS AND ELECTRIC PLANTS:

Ashland.
 Kenosha — in progress.
 Madison.

COMBINED WATER, GAS AND ELECTRIC PLANTS:

Beloit - in progress.
 Chippewa Falls.
 Ripon.
 Superior.

COMBINED ELECTRIC RAILWAY AND LIGHT PROPERTIES:

Eau Claire.
 Menominee

TELEPHONE PLANTS:

Augusta.
 Burlington.
 Marinette.
 Portage. ,
 Superior.
 Douglas County — in progress.
 Peoples' Telephone — in progress.

While the value of the physical property of these companies has been tentatively fixed, the legal value of all the property "actually used and useful for the convenience of the public," as contemplated in the Utilities Law, especially in secs. 1797m—5 and 6, has not yet been determined and established.

In taking action with respect to the rates and service of the various companies which have been before the Commission, valuations of a more or less tentative character have been used. While these valuations appeared to be adequate and satisfactory to the Commission for the purposes in view, they did not appear to be sufficiently accurate to warrant the Commission in publishing them at this time as the statutory value. In other words, the Commission has not yet "determined" the value of these properties within the full meaning of the statute.

Following is a list of the utilities regarding whose rates and service the Commission has taken action during the year:

Reedsburg Telephone Co.	Tomah Electric & Telephone Co.
J. L. Ball (telephone), Augusta.	Milwaukee Central Heating Co.
Brodhead Telephone Co.	Chippewa Valley Ry. Light & P. Co.
Menomonee Falls Telephone Co.	Ettrick Telephone Co.
Fox River Milling & Power Co.	Dodgeville Electric Light Co.
Alma Electric Light Co.	Medford Light & Power Co.
Merrill Railway & Lighting Co.	Rhineland Mutual Telephone Co.
Portage Electric Light Co.	Peoples Telephone Co. of Dane Co.
Badger Telephone Co.	

Gas and Electric Service Inspections: The work performed by the special staff of experts engaged in inspections of gas and electric service, consisted in the study of conditions existing in various cities in this state and included observations on the accuracy of consumers' meters, the accuracy of methods employed by gas and electric companies in standardizing such meters, the quality of gas as shown by chemical composition and heating value, the pressures at which gas was being delivered to consumers, the pressures and variations in pressure on electrical distribution systems, the efficiencies and deterioration of incandescent lamps, and on various other factors relating to ade-

quacy of service. Laboratory investigations have also been made on methods suitable for measuring quality of service, including a study of calorimeters suitable for determining heating values of gas. Special attention has been given to investigation of complaints of consumers to determine what factors are the most frequent causes for dissatisfaction.

The aims of the work have been to furnish information useful in arriving at the values of certain gas and electric plants, to determine to what extent complaints of service made by consumers can be taken as a criterion of the quality of the service rendered, and more especially the information was sought as a basis for establishing rules under which the companies may operate so that adequate service may be insured to the consumers. The summary of the work, and the deductions drawn from it are given in pamphlet U--21, "*In re Standards for Gas and Electric Service in the State of Wisconsin.*"

During the progress of the investigation numerous instances of poor and inadequate service were found. It appears that in the majority of such cases defective service was the result of ignorance or neglect of the conditions, due to the lack of suitable supervision or the lack of instruments necessary for studying the quality of service. It has been found that in various instances the companies have been needlessly hampered by certain municipal regulations, the purpose of which was to insure good service, but which were actually ineffective. Numerous instances of poor service have been rectified by the public service companies upon their attention being called to the particular defects, and it has not been infrequent that such improvements have been made with little or no expense. It has been demonstrated that the consumers themselves are, in some measure, responsible for the maintenance of adequate service, and it has been one of the purposes of the investigation to formulate information serviceable to the consumers in protecting their own interests.

The following is a list of the cities in which tests have been made on the quality of gas and electric service prior to June 30, 1908:

TESTS OF GAS SERVICE.		TESTS OF ELECTRIC SERVICE.
Ashland	Manitowoc.	Ashland.
Baraboo	Marinette.	Chippewa Falls.
Beaver Dam	Portage.	Dodgeville.
Beloit	Ripon.	Kenosha.
Chippewa Falls.	Sheboygan.	La Crosse.
Eau Claire.	Stevens Point.	Madison.
Green Bay	Stoughton.	Manitowoc.
Janesville.	Superior.	Ripon.
Kenosha	Watertown	Superior.
Madison	Wausau.	

Other Service Inspections: In addition to the routine tests of gas and electric service, inspections have been made by other departments of the engineering staff upon special complaint to the Commission. Work of this kind during the year ending June 30, 1908, has included, among other cases, investigations of complaints as to the steam heating service at Milwaukee and the service rendered by the water works company at Antigo.

Improvements of service and in the relations between company and patrons have resulted directly from the action taken by the Commission in these cases. In fact, the excellent results derived from the limited amount of such investigations already made, have suggested the advisability of extending the scope of tests over the widest range possible of the public utility service. Plans looking to such extension in the near future are being considered. Several inspectors are now in the field, and the results of their work will serve as a guide for the future policy in this respect.

Advisory Service Under the Utilities Law: Informal inquiries and requests of many kinds are received by the Commission from public utility companies for advice on technical matters, in which the engineering staff is able to render assistance. While the Commission has been obliged to recognize a practical limit, beyond which the state staff cannot properly undertake to perform such service, it has been practicable to render assistance on many minor matters affecting quality of service. This class of inquiries seems to merit increasing attention, and plans are under consideration with a view to the future extension of this kind of advisory service. It should be stated in this connection, that the state engineering staff does

not intrude upon the legitimate field of the private practitioner; on the contrary, in several instances the employment of engineers has been suggested by the Commission where the work was of a magnitude and character to warrant such action, and the Commission's engineer has been authorized to suggest the names of several competent engineers eligible for the specific service. In such cases the disinterested character of the Commission and its staff has made it possible to render this delicate service without embarrassment.

III. MISCELLANEOUS SERVICE OF THE ENGINEERING STAFF FOR THE RAILROAD COMMISSION.

The engineering staff is called upon, from time to time, to make investigations and submit reports touching various matters under the several statutes administered by the Railroad Commission. The scope of such investigations is indicated by the following summary :

1. Investigations relating to street and highway crossings, with reports relative to the protection of same, grade separation, etc.
2. Inspection of plans for interlocking plants for railway crossings and at drawbridges, and field inspections of the plants preliminary to the issuance by the Commission of permits to operate same.
3. Investigations preparatory to the adoption of rules to govern the installation of tell-tales for protection of trainmen against overhead bridges and other obstructions.
4. Investigations of accidents and alleged dangerous conditions on steam and electric railroads of the state.
5. Routine inspections of railway service.
6. Investigations and reports on the construction of proposed industry tracks, particularly with reference to the effect of safety of operation.
7. Investigations relative to station service, the establishment of flag stations, etc.
8. Investigations of quality of service rendered by street railway companies.
9. Valuations of street railway and other properties for stock and bond issue purposes.
10. Investigations with respect to the administration of the affairs of the Wisconsin Valley Improvement Company.

The following comments give a fair idea of the character of these investigations:

During the year field inspections were made and recommendations submitted relative to a grade crossing near Barneveld, with the result that a subway was finally constructed at the joint expense of the railway company and local town authorities. An investigation of six street crossings at Green Bay showed the protection provided by the companies in the main to be of good quality.

In dealing with interlocking practice the investigations were not confined to the individual plants newly installed, but the studies were extended to cover the larger questions of interlocking practice in general, with a view to develop a basis for a set of rules to govern future Wisconsin practice in this field. In view of the unsettled status of the signaling practice, it has seemed expedient to hold the matter somewhat in abeyance. Such progress was made, however, as to make it quite certain that these rules will be put in shape for final submission to the Commission during the coming year. It is intended that these rules, when completed, shall insure the use of the best known signaling devices, but with provision for such flexibility that Wisconsin practice may keep pace with the future developments of the signaling art.

The adoption of formal rules to govern the installation of tell-tales or whip-guards for the protection of trainmen against overhead obstructions, led to an investigation as to the heights of cars "owned by or hauled over" Wisconsin roads. It was found, that owing to the peculiar wording of the statute, practically all the important roads of the state would be put to serious inconvenience and much expense, owing to the presence in the state of a comparatively few exceptionally high cars, owned by the Menasha Wooden Ware Company. After numerous conferences with the interested parties, the Commission suggested the tentative adoption of fifteen feet as the ruling or maximum height of freight cars to be built in the future. With the practically unanimous adoption of this provision by the railroads of the state, simplified rules were brought into shape to cover the requirements of the statute. The formal adoption of these rules, however, took place subsequent to June 30, 1908.

There was fortunately no occasion to investigate serious railway accidents during the year. An investigation was made of

the situation at Mills street crossing of the St. Paul road and the La Crosse Street Railway at La Crosse, where street cars were struck more than once by cuts of freight cars in the course of switching operations. Investigation by the Commission's engineer showed the situation to be exceedingly dangerous, and steps were taken with a view to bring about an improvement in the situation. Informal conferences were held with the officials of the city of La Crosse and of the two roads, and suggestions offered, with a view to assist in bringing the conflicting interests together. The negotiations then started resulted, several months after the close of the fiscal year, in important changes in the operating conditions, which give promise of reducing the dangers of this crossing to a nominal basis. Investigations were also made as to the standards of maintenance of railway track at several places in the state, and reports on the same submitted to the Commission.

Routine or systematic inspections of railway service, with formal reports on the same, were not undertaken until after the close of the fiscal year ending June 30, 1908. In view of the importance of these inspections, it is deemed appropriate to incorporate in this report a copy of the form used by the engineering staff for this purpose. It is a matter of interest that the railroad authorities have expressed a desire to co-operate fully in this movement for the improvement of the quality of the railway service of the state.

TRIP INSPECTION REPORT, ENGINEERING STAFF, RAILROAD COMMISSION OF WIS.

Report.....Observation on Train No.....Ry.
Between.....(.....M) and.....(.....M).....190
(Use additional sheet if more space is needed.)

TRAIN SERVICE:

1. *Running Schedule.* On time or late; if late, actual amount and amount slated, causes, etc. Speeds, etc.
.....
.....

2. *Train Equipment.* Coaches: Number and kind, crowded or otherwise, cleanliness, sanitary condition of cars and toilets, etc. Sleepers.
.....
.....

3. *Train Employees.* Engineer: Care in running, use of brakes, testing air, etc. Conductor, brakeman, etc.: Treatment of passengers, calling stations, etc. Flagman: Guarding rear end, alertness. Pullman service.
.....
.....

STATION SERVICE:

4. *Employes.* Agent, baggageman, caller, porters, etc.: Conduct, attentiveness, intelligence, announcing trains, etc. Give names of stations.

5. *Station.* Waiting rooms and toilets: Cleanliness, sanitary conditions ventilation, heating, etc. Platforms: grounds: waiting shelters, etc.

MISCELLANEOUS:

6. Track; bridges; highway crossings, obstruction or protection of; safety appliances; train connections at junction points, etc.

PASSENGERS:

7. Deportment; demands made on employes; cash fares; hand baggage, etc.

(date)

(Sign)

Some field investigations were made and reports submitted by the Commission's engineer with respect to the construction of proposed industry tracks. These included a proposed ice house spur near Random Lake on the St. Paul road, a sawmill spur near Maple station on the Northern Pacific, and the proposed spur to the Jefferson Ice Company's ice house near Lake Geneva on the Chicago & North Western Railway. In the first case above named the engineer reported adversely. In the last two cases he reported that in his opinion it would not be "unusually unsafe and dangerous" to operate the proposed spur tracks.

During the year ending June 30, 1908, the engineering staff reported upon but one minor case involving the shifting of a depot from one station to another. The engineering examinations of the situation at Dwight station on the "Soo Line" were made, and expert testimony given the circuit court, previous to June 30, 1907.

The investigations of the Milwaukee street railway situation included studies as to the quality of service, in which members of the engineering staff had a part.

Under the Stock and Bond Issue Law the Railroad Commission has required reports from its engineering staff as to the physical valuation of the tangible property involved. Such valuations were made, among others, of the Southern Wisconsin Railway at Madison and the Chicago & Milwaukee Electric Railway.

The statute authorizing the organization of the Wisconsin Valley Improvement Company for the conservation of the waters at the source of the Wisconsin river, provides for certain administrative duties by the Railroad Commission involving, in certain details, some engineering service.

IV. JOINT SERVICE OF THE ENGINEERING STAFF FOR THE TAX AND RAILROAD COMMISSIONS.

The service rendered by the engineering staff jointly for the state board of assessment and the Railroad Commission falls under three heads:

1. Physical valuation of the steam railroad properties of the state.
2. Physical valuation of the Milwaukee street railway properties and associated lighting properties.
3. Physical valuation of the electric railway and associated lighting properties of the state.

Reference to the steam road valuation work has already been made in the introductory statement. The methods adopted in 1903-04 in these valuations have been used practically without change up to the present time. These methods were fully described in the detailed report submitted to the state board of assessment in January, 1905, by Professor W. D. Taylor, formerly engineer to that board, and published in the 1907 Report of the Wisconsin Tax Commission. During the coming year these methods are to be reviewed and improved in the light of the experience of the five-year period during which such valuation work has been in progress in this state.

The valuation of the Milwaukee street railway system, which was undertaken in February, 1907, for the joint purposes of the railroad and tax commissions, was completed early in July, 1907, and a formal report submitted about the middle of the latter month. This valuation work included the city lines (The Milwaukee Electric Railway & Light Company) 123 miles; and the Beggs interurban system radiating from Milwaukee (Milwaukee Light, Heat & Traction Company) 144.2 miles; together with the lighting and heating properties owned and operated in association with the electric railway lines in Milwaukee, Racine, and elsewhere.

The staff organized to carry on this work included the experts and assistants enumerated in the following list:

- One engineer in charge.
- One consulting engineer.
- One chief mechanical inspector.
- One chief roadway inspector.
- One chief electrical inspector.
- One field roadway inspector.
- One field mechanical inspector.
- One field electrical inspector.

Assistant field inspectors and office assistants varying in number from fifteen to twenty.

In making this valuation the property was classified into the following general groups or classes:

1. Land (right of way and other).
2. Track and track structures.
3. Cars and car equipment.
4. Electrical distribution system.
5. Power plant equipment.
6. Buildings and miscellaneous structures.
7. Office furniture and appliances.
8. Tools, implements and machinery.
9. Horses, wagons and miscellaneous.
10. Engineering and superintendence, organization and legal expenses, and contingencies.
11. Stores and supplies.
12. Paving.

The final report to the two commissions included tabulated exhibits, showing classifications of the total property under various heads. For example, one exhibit classified the property under the heads "Railway Only", "Light and Power", "Steam Heat," and "Other Property." Another exhibit classified the railway property only under "Operating and Non-operating." A third exhibit classified the operating railway property under "City Lines" (T. M. E. R. & L. Co.) and "County Lines" (M. L. H. & T. Co.); and a fourth classified the non-operating railway property in a similar manner. The total valuation, including all the properties above named, amounted to \$18,435,960 for the property new, and \$14,864,849 for the property in existing condition. For fuller details of the methods used in this work, reference is made to the detailed report submitted under date of July 13, 1907.

Immediately upon the completion of the formal report upon the valuation of the Milwaukee street railway system, the field work for the valuation of the remaining electric railway lines

of the state was undertaken. The methods employed in this and later valuation work were patterned closely after those developed in the Milwaukee valuations. The size of the staff was somewhat reduced and the organization of the same modified in some respects to meet the varying conditions. Of these additional electric railway lines, numbering in all 22, about one-half are operated in association with public utility properties supplying electric lighting and power service. The field work involved in the valuation of these began about the middle of July, 1907, and occupied a period of about three months, and the office work required an additional period of about two months. The continuity of this work was interrupted, however, by the earlier valuation work, undertaken under the provisions of the Public Utilities Law described elsewhere in this report.

EXPENSE OF THE ENGINEERING STAFF.

The expense of maintaining the engineering staff, including salaries and traveling expenses, but exclusive of instrumental equipment, during the year ending June 30, 1908, has been as indicated in the accompanying table:

EXPENSE OF ENGINEERING STAFF—RAILROAD AND TAX COMMISSIONS
June 30, 1907, to June 30, 1908.

MONTH.	No. on pay roll.	PUBLIC UTILITIES.		R. R. COM. EXCEPT PUBLIC UTILITIES.		TAX COMMISSION.		
		Salary.	Expense.	Salary.	Expense.	Salary.	Expense.	Total.
July.....	17			\$1,002 01	\$158 99	\$1,002 01	\$158 99	\$2,322 00
August.....	18			955 97	265 93	955 97	265 93	2,443 80
September.....	17			778 16	115 51	778 16	115 51	1,787 34
October.....	18	\$335 16	\$114 49	725 03	24 43	725 04	24 44	1,948 59
November.....	22	584 99	100 03	829 66	28 00	829 68	28 00	2,400 36
December.....	21	700 48	132 92	725 46	118 40	725 45	118 40	2,521 11
January.....	26	1,282 81	109 47	608 10	51 04	608 10	51 05	2,710 57
February.....	30	1,139 86	291 92	732 72	63 03	732 72	63 03	3,023 28
March.....	26	1,524 96	671 07	481 08	52 41	451 07	8 89	3,189 50
April.....	26	1,557 41	241 76	472 93	12 36	442 92	8 39	2,735 77
May.....	25	1,695 15	550 53	395 04	23 56	365 02		3,029 30
June.....	25	1,644 17	455 30	509 00		479 00		3,087 47
Total.....	av. 22	\$10,465 01	\$2,607 49	\$8,287 16	\$913 66	\$8,167 14	\$842 63	\$31,343 09
Grand total.....		\$13,132 50		\$9,128 82		\$8,937 77		\$31,199 09
Per cent.....		42%		29%		29%		100%

THE STATISTICAL DEPARTMENT.

The importance of reliable statistics in connection with duties, such as those devolving upon this Commission, and the immense volume of work connected with the preparation of such data, not only for the current work but for the reports which are required under the law, has required the organization of a statistical department. This department has been charged with the preparation of systems of uniform accounting for the various utilities in the state, provided for under the Public Utilities Law, and also the preparation of the various forms and other reports required under the law to be made to the Commission by the utilities under its jurisdiction.

On this department has devolved the work of compiling and editing these reports and the preparation of other statistical data. As the complaints which are filed frequently involve exhaustive investigations as to costs and other kindred questions, the work of the statistical department of the Commission has greatly increased. In addition to this, many inquiries and requests for assistance have been received, which this department has endeavored to satisfy. Matters of this nature have involved a wide range of subjects, such as the preparation of comparative tabulations and advice upon accounts and other questions. It has been necessary for the employees of this department to visit plants in different parts of the state for the purpose of examining books and accounts, and to secure statistical and financial data.

Owing to the fact that the law makes the rates in effect on April 1, 1907, the legal maximum rates, it has been necessary to compare all schedules received with those filed as in effect at that time, and call the attention of the respective utilities to the provisions of the law in cases where there appears to have been an advance in rates.

UNIFORM ACCOUNTING.

In the preparation of a uniform classification of accounts for public utilities, the scope of such work was found to be prescribed and limited by several important considerations, viz.: First: The purpose of such classification. Second: The methods

by which the product or service was rendered. Third: The great variations in the sizes of properties, and Fourth: The effect of the classification of accounts for one utility upon the account of other utilities, which might be operated by the same management and largely from the same premises.

If the purpose of a uniform classification were but to secure a statement of earnings and expenses of each utility, without regard to the many varying conditions of operation and their details, together with a general balance sheet for each corporation, many of the quasi-technical considerations which arise in connection with each class of utilities might be disregarded, leaving a work of comparative simplicity. But if accounts are to be kept which will enable the management of properties to determine the efficiency of their operations and permit the Railroad Commission to determine the reasonableness of rates charged for the service performed, the accounts to be prescribed must be such as show the cost of each step or process in the natural order of production, and the final cost per unit of service to the public. Whatever other elements may be considered in the making of rates, the cost of the service is of the first importance.

With the unit cost as the object in view to be determined from the accounts, attention was directed to the second general consideration,—the methods of operation. From the reports of all the utilities filed with the Commission, an examination was made of all the varying conditions of operation, both from the standpoint of physical advantages or limitations, and their relative economy.

Among the gas companies a number of plants produce only coal gas, some produce only water gas, while others purchase a part of the gas sold or purchase the entire product. An even greater diversity of conditions exists among electric and water companies. Electric current may be generated by steam power, gas power, hydraulic power or the product may be purchased from another electric utility or a manufacturing establishment. Water plants may pump by steam power, gas power or hydraulic power. Any two or all three of these utilities may be furnished by the same corporation, in which case much apparatus and facilities of service are used for the joint benefit of several utility departments. In a large number of plants conditions are rendered still more complicated through the operation of a

manufacturing or mercantile business in connection with the utility service, and in the municipally owned plants by a merging of the utility transactions with those of the city. These are some of the conditions under which the public utility business is being operated in Wisconsin and, consequently, any classification of accounts, to serve its purpose and to be a practical working scheme, must be so elastic in its provisions as to recognize these factors.

An accounting system which shows only the output cost of gas, the switchboard cost of electricity, etc., was deemed insufficient. Where both coal gas and water gas is produced, the accounts should show the cost per thousand cubic feet of coal gas, as distinct from the cost of the same amount of water gas. The record of the electric plants operating by two or more methods should show the cost per kilowatt hour at the switchboard of current generated by steam power, as distinct from that generated by any other motive power. The management must know which method or methods of manufacture are the most economical and offer the greatest profits. This information is also essential for the work of the Railroad Commission.

Further, unless a separate group of accounts were provided for each method of production, comparisons of results would be misleading, if not impossible. Such comparisons, to be of value, must be made between companies operating under substantially similar conditions. The switchboard cost of electric current generated at one plant by hydraulic power, cannot be used to show relative efficiency by comparison with a steam power plant.

The great variations in size of plants required many concessions to simplify the accounts. The large and completely equipped plants in the metropolis and other large cities of the state, with their technical and specialized labor, require a system wholly impossible to the many small plants which range in size downward to those utilities established and maintained by public spirited citizens, or by the municipality, largely as a matter of civic pride. There are, however, in each class of utilities certain natural divisions of the process of production or service which are not affected by the magnitude of the operations. To apply to these conditions, a classification of accounts must be elastic, not only as to the methods of operation, but also as to its working practicability for all companies. It must be condensed

for the small properties and detailed for the large ones, without destroying the possibility of a comparison of costs.

Careful attention was paid to the accounting and operating practices of corporations or municipal plants operating two or more utility services. Since electric plants and water works, when operated by steam power, both require a large boiler capacity or other prime motive power, there is apparent a strong tendency for their combination in the interest of economy. This tendency is most pronounced in the smaller cities, and is best seen in the field of municipal ownership. In the larger cities the tendency is more toward a combination of gas and electric industries, because of the competitive nature of their service. In all such cases of joint operation, in order to determine the cost per unit of service, all joint charges should be apportioned over the different departments according to their demands upon the joint facilities or upon the basis of service received by each. Thus the operating and maintenance expenses of joint apparatus, many of the commercial, the undistributed general and administrative expenses must be apportioned. The same is true of taxes, interest and sinking fund requirements in regard to bonds which are outstanding and a charge against the plant as a unit, amortization charges, dividends and other overhead charges. This follows logically from the proposition that each utility should be credited with all the revenue which it earns, and charged with all expenses which it occasions.

With these general considerations in mind, the schedules of accounts were prepared for each class of utilities. From the outset it was deemed advisable to make haste slowly. The existing methods of companies, as shown by their reports, trial balances and outlines filed with the Commission, were carefully examined. Frequent conferences were had with the representatives of the utilities and with members of their accounting committees appointed by the state associations. From time to time circulars were issued, explaining the general principles upon which the accounts to be kept by the companies were to be based and what subdivisions were to be made. Whenever companies arrived at a point where their accounting system could be conveniently changed, the system as prescribed by the Commission, was adopted, with the result that the desired uniformity in all utility fields is being gradually accomplished. It is possible that

after an adequate trial some alterations will be found expedient, both from the standpoint of general experience and practice or of individual conditions. A detailed text of instructions was prepared to accompany the schedules for each utility.

Owing to the great difference in sizes of the companies, it was necessary to prepare two separate schedules, each based upon the same principles, but varying greatly in the detail required. A classification of accounts based upon the natural steps of production, with only the most important items subdivided, forms the primary schedule for the use of the smaller companies and is referred to as classification "B". The schedule of accounts for the larger companies, referred to as classification "A", consists of a development, refinement and unfolding of the items in the primary schedule. In this manner, with the larger classification predicated upon the smaller, an elastic working system is provided which will apply to any size of companies or methods of operation.

The particular classification of accounts which any company is to follow, was not made subject to any one factor. Conditions vary too much for such an arrangement. In determining their classification, the Commission considered the population which the company serves as determining its opportunities for development, its present development as shown by its gross earnings, and conditions peculiar to certain plants. For some of the very small utilities it was found necessary to simplify the work as much as possible, consistent with the requirements of the Commission. All companies placed in class "B" are required to keep at least those accounts embraced in the schedule for that group, while all companies placed in class "A" must keep at least the accounts embraced in schedule "A". Any company, which was found unable to keep even the accounts prescribed for class "B", has been permitted to meet its individual needs by a system which consists of combinations of several of the accounts in schedule "B". Any company in class "B" desiring a more detailed system, has been permitted to adopt the accounts of class "A" companies. Any company in class "A" desiring a more detailed system, has been authorized to engage in as much refinement or subdivision of the schedule as it deemed advisable for its interest, but in no case can any of the schedule accounts of one natural division be combined

with those of another, so as to destroy the integrity of the general scheme. A copy of all additional accounts and the subdivisions of the prescribed accounts must be filed with the Commission. The annual report to be made by each utility is based upon the classification of accounts prescribed for the class in which it has been placed.

STATISTICAL TABULATIONS.

A. PRELIMINARY.

The first annual report of utility properties called for by the Commission was for the year ending December 31, 1907. The financial report forms used were based upon the accounting practices of a number of companies and were arranged to show in detail for each utility the sources of revenue, the principal items of operating expense, the fixed charges to be deducted from the net income, and a balance sheet, the report contemplating a separation of accounts by companies operating two or more utilities, or a utility service in connection with a manufacturing or mercantile business, in order to show the financial data independently for each utility service operated.

In its efforts to obtain this information, the Commission has been laboring in untrodden fields. No organization or state agency has preceded it to prepare a way for standardization of methods and accounts. There are some companies which have kept a systematic and detailed record of their financial transactions which reflect the most advanced thought on the subject of public utility accounting, and their reports were easily analyzed, but they represent a small minority in the aggregate. Many utilities keep practically no records worthy of the name, while in not a few cases, and even where the services performed are considerable in extent, the most detailed records are found in check-book stubs, pocket memoranda, or the memory of the manager. In some instances office records of considerable detail are maintained, but the methods followed are not always correct. Originally founded on some fundamentals, the system has since been enlarged or condensed to suit the needs of a complex business connection or the personal views of the operators. Revenues from all oper-

ating sources and non-operating revenues have frequently been merged, while operating expenses are confused with construction expenses, the accounts often being grouped more for convenience than to enable an analysis of results. The greatest difficulty was encountered in the separation of revenues and expenses by those corporations or municipalities operating two or more utilities, the general practice having been to credit all revenues to a single fund, from which all expenses were paid without regard to the department which occasioned them.

B. MUNICIPALLY OWNED UTILITIES.

In the lack of separation between the public service properties and other operations, municipalities appear as the chief offenders. The greatest criticism, which must be offered against the municipal methods, was the merging of public service accounts with those of the city. Revenues, which should be credited to the treasury of the utility, were turned into the general fund of the city, while the plant's operating expenses were generally paid out of the same city fund, showing no record other than the general entries "Cash Paid." While the public plants often received no credit for hydrant service or water for sprinkling service or electric current for street arcs or incandescents, the city paid the interest on the construction bonds, reasoning that this is a fair compensation for the service received. This may be true, but it cannot be proven from the accounts or records of the property. The accounts of the municipally owned utility should be affected no more by the transactions in the municipal funds, than should the accounts of the private utility reflect the activities of the shareholders. In many cities, especially the smaller ones, the inspection of the distribution system is a part of the duties of the street superintendent or marshal. Meters are read, and often inspected by the same city officials at times when not engaged in other municipal duties, but the public service property is not charged with any proportion of their expenses. The city clerk and his assistants generally furnish, without additional cost, much of the service which is reported by private plants under the head of administrative or general expense. Until a separation of accounts between the two de-

partments is made, a comparison with private enterprise, to determine relative efficiency, is impossible.

C. REPORTS FOR YEAR ENDING DEC. 31, 1907.

The reports which the utilities filed with the Commission were in the main incomplete. Officials of plants were unfamiliar with the reports and often, not having kept any detailed records or voucher systems, were unable to report their expenses, except in gross or for a very few of the major items. However satisfied the companies may have been with their accounts, the possibility of being called upon to make a detailed report was not in their contemplation, and it is but natural that many difficulties should have been encountered. Doubtless every official gave his best efforts to supply the information necessary to meet the requirements of the Commission. A voluminous correspondence was conducted, explaining the desired items of information, furnishing the basis of separation of expense common to several departments or utilities, outlining the methods of checking the operations of the plants and, in a number of instances, personal assistance was given by representatives from the Commission. Much valuable assistance was received from the utility officers in the re-arrangement of reports following a uniform plan. In view of these conditions, the most detailed and analytical report cannot be presented. In fact, it is far from as complete as the Commission might wish. However, when it is considered that this entire work represents the first attempt of all the utilities to report upon a uniform basis, the result may be regarded with more or less satisfaction.

The utilities, both private and municipal, operating in the larger cities, filed reports which were much more detailed and reliable than those of the smaller properties. For this reason it was deemed advisable to divide the companies into two classes, according to the size of the cities in which they operated. Any basis for such a classification must necessarily be an arbitrary one, and, upon examination of all the reports filed, it appeared that the utilities could be separated into a group of those operating in cities of over 5,000 population, and those operating in smaller cities. In each of these classes the private and municipal plants were tabulated separately.

Owing to the present incomplete records of the companies, it was found impossible to show the total expenses for each of the principal items of labor, supplies and repairs in the primary divisions of operation. Such data should be available for the most accurate system of analysis and checking of results. In this first report, however, the greatest detail found possible is in showing the total expenses for labor, supplies and repairs and in one or two instances other items generally reported for each of the natural or primary divisions of operation. For companies operating in cities under 5,000 population, these subdivisions were found impossible, the greatest detail permissible being in showing the total expense for each primary division. This explanation applies, in general, to the balance sheets as well. The more important items were kept by practically all the properties. Where accounts were deficient, access was often had to original sources of information to supply the necessary data. As a more detailed accounting system must consist of a subdivision and refinement of these natural primary items, the possibility of a comparison of results is provided for in connection with whatever details appear expedient in future reports. A number of companies made reports which doubtless represented their best efforts, but they were so incomplete or manifestly incorrect, that they were excluded from the tabulations.

While the material presented in the statistical tables represents the best result possible from the present system of accounting, supplemented by the experience and knowledge of officials and personal inspection, too much reliance should not be placed upon the data. The tabulations, as made from the reports, are believed to be substantially correct, but with the evidences of erroneous methods clearly apparent the results must be used with caution. The very wide fluctuations which appear among all the companies, as shown by the table of operating ratios, can best be explained by the absence of uniform methods of accounting, and also show the great necessity for such a system. Different accounts, and even different interpretations of the same accounts, have given results varying over a wide margin.

With the general adoption of the uniform classification of accounts prescribed by the Commission, the blank forms used in making annual reports to the Commission will recognize the

accounting concessions made necessary by the difference in size and conditions of the utilities. In this respect the future work will be greatly simplified and more accurate data obtained. It is also believed that, as a result of the manner in which the work has been prosecuted this year and the degree of care and accuracy insisted upon in reports and correspondence, the officials of all utilities have become familiar with the work and the requirements of the law, which should serve to minimize or remove many of the difficulties which have been encountered.

The collection of the materials for the tables on operating data was hampered by the fact, that a large number of utilities were not provided with the proper station apparatus to enable them to supply the information desired. Where the data could be supplied by calculations, this has been done, and it is believed that the results are approximately correct. For a number of utilities the tables were left blank, owing to the absence of any reasonable basis for calculation.

A number of companies submitted reports which were either incomplete, or so involved with the transactions of other departments as to preclude their tabulation. Other utilities, mostly very small plants, were totally unable to make a report for this year, either because they had been in operation only a brief period, were engaged in a general reconstruction of other plants, or, owing to litigation, found their affairs in a very disorganized state.

HEATING

The central heating business has not as yet reached any large proportions in this state. The number of companies is small, and their operations, with one or two exceptions, are not extensive. They are mainly auxiliary to electric companies. The business, however, is growing, and the number of consumers is increasing. The number of companies, their location, gross earnings, and other operating data are published elsewhere in this report.

More detailed information cannot be given at this time, owing to the fact that operations are generally merged with those of the utility and other business in connection with

which the heating service is being operated. The revenue from this service has been regarded by the companies as income from residual products, and has not been treated as a separate utility.

RATES

Shortly after the passage of the Public Utilities Law a request was issued to all utilities to file a schedule of their rates, tolls and charges for services performed within this state, and their rules and regulations which in any manner affected the rates, in force on April 1, 1907. The response to this request was in general far from satisfactory, both as to the number of replies received and the completeness with which the rates were classified. To assist companies in reporting this material, there were prepared in September, 1907, blank forms to be used in filing such rates. By the use of such uniform outlines, supplemented by much correspondence, replies were more numerous and the rates more completely reported. Changes and amendments to the original schedules on file have been reported. To facilitate the filing of amendments, blank forms suitable for the use of each utility have been prepared and a number of copies mailed to each, which are being used as occasion requires.

The rates filed by the larger companies are generally based upon scientific considerations, but those of the smaller companies partake of every conceivable form and method of determination. They vary from the simple schedule of but two or three lines to the most elaborate classification of consumers. In a majority of instances there appears to have been no particular system followed in determining the amount to be charged for a given service. The process of reasoning, which in some cities placed certain classes of consumers upon meter rates or upon flat rates, or determined the rates to be paid by certain classes of consumers, seems to have been exactly reversed in other cities. Rates for similar service often vary several hundred per cent in neighboring cities. In a number of instances schedules are in force which make some concession in rates with increasing consumption, but the rates have seldom been determined with regard to the cost of the service. Too frequently the tendency is noticed to copy the rate

schedule of another community, with the result that many inconsistencies in charges are passed from city to city. The majority of schedules on file, in the effect of their application, are not calculated to secure the greatest development of service with the consequent reduction in the unit cost. The variety of methods and details is so great as to preclude the possibility of their tabulation. There has been prepared a brief summary of all electric, gas and water rate schedules filed by each company, including the amendements up to June 30, 1908. The schedules of telephone rates, both for the local exchanges of the Wisconsin Telephone Co. and the independent companies, follow a uniform system and have been arranged in tabular form.

The material has been summarized in the alphabetical order of the cities in which the utility service is furnished. Rates are not given for plants constructed during the fiscal year and not in complete operation at the end of such period, nor for plants which suspended operations during the year. Wherever one utility renders service in several cities, the rates are shown for each city separately in its alphabetical order, rather than all the rates of such utility being reported together. Wherever several utility plants are engaged in supplying the same kind of service in one city, all their rates are shown in the data given for that city.

The material shows the rates for 210 electric companies, 51 gas companies, 104 water companies, 13 heating companies, 68 local exchanges of the Wisconsin Telephone Co. and for 433 independent telephone exchanges.

A number of utilities did not file their schedules of rates as required by statute and as requested by the Commission. A considerable number of telephone utilities, being purely mutual companies, were unable to file a schedule of rates, since their revenue consisted only of assessments levied to meet certain expenses as they occurred, which assessments varied in amounts from time to time.

COMPLAINTS—FORMAL AND INFORMAL, AND OTHER INFORMAL MATTERS CONSIDERED BY THE COM- MISSION.

During the past fiscal year a large number of complaints and other matters, both formal and informal, have been handled by the Commission. A summary of these matters is given in detail in another part of this volume under proper headings, but there are given below some tabulations, which will briefly indicate the nature of the business handled.

The volume of work in relation to these cases is indicated by the transcripts of stenographer's notes taken at the hearings on the formal matters. The totals are as follows:

63 railroad cases	10,731 folios.
36 public utility cases	13,140 "
8 applications for certificates of convenience and necessity	2,154 "
2 applications for authority to issue stocks and bonds	57 "
Total	26,082 "

In addition to the above, the decisions rendered during the year covered 897 typewritten pages of legal cap paper.

The tabulation here given represents the filing of complaints by months:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
July	12	46	1	2	4	1	.....	66
August	16	68	6	4	5	8	1	108
September	24	59	5	19	.....	2	1	110
October	6	86	10	24	1	2	.....	120
November	12	45	3	23	.....	2	2	87
December	12	55	6	30	.....	1	.....	104
January	6	68	14	31	.....	1	.....	120
February	13	63	9	20	1	7	.....	113
March	6	51	9	16	1	3	.....	86
April	9	50	9	19	.....	2	.....	80
May	9	47	5	18	1	6	.....	86
June	6	35	6	40	1	4	.....	92
Total	121	673	83	246	14	39	4	1,180

(1) Formal railway

(2) Informal railway

(3) Formal utility

(4) Informal utility

(5) Application for certificate of convenience and necessity

(6) Application for authority to issue stocks and bonds

(7) Suits against the Commission

(8) Total

FORMAL MATTERS.

Railways.—In the period covered by this report there were filed 114 formal complaints against railway companies, covering a wide range of subjects, and in addition to this 7 formal investigations involving railway companies were undertaken by the Commission. The complaints filed are roughly classified as follows:

Rates	52
Telephone and telegraph service in stations.....	11
Involving switching service.....	3
Spur track to industries.....	5
Highway crossings.....	5
Station facilities.....	16
Railway connections.....	1
Passenger trains, fares and service.....	11
Express companies	3
Street and interurban railway service and rates.....	7
Total.....	114

Utilities.—In the above mentioned period there were 83 formal complaints, investigations and other formal matters affecting utilities. They may be roughly classified as follows:

Rates.....	21
Application to increase, modify or equalize rates.....	42
Valuation of property.....	13
Investigations upon motion of Commission.....	7
Total.....	83

INFORMAL MATTERS.

The informal complaints and other informal matters affecting railways and other utilities, as shown in the above table, number 673. These matters relate to a wide variety of subjects, and questions of considerable importance have been handled in an informal way. As was stated in previous reports, frequent adjustments of differences existing between the public and the corporations have been arrived at through the medium of the Commission, with results satisfactory to the parties interested. This is particularly the case so far as it relates to railways, the settlement of a large number of claims against carriers having been facilitated in this way.

The informal matters are roughly classified as follows:

<i>Railways—</i>	
Overcharge.....	167
Cars—failure to provide or shortage of.....	10
App. authority to refund.....	19
Rates—emergency.....	36
Discriminatory.....	10
Inquiries for—complt's conc.....	101
Inquiries—R. R. Law and jurisdiction of Commission.....	35
Crossings—unsafe.....	17
Telephone and telegraph service in stations.....	15
Shipments—delayed—injured or lost.....	30
Approval—interlocking plants and devices.....	7
Complaints—passenger fares.....	11
Special trains and service.....	14
Train service, facilities and connections.....	38
Station—lack of—stopping at.....	10
facilities and service.....	24
Street car service and rates.....	6
Request or complaints—side tracks and spur tracks.....	12
Express rates and service.....	6
Checking baggage.....	3
Minimum rates and charges.....	8
Rates on coal.....	6
Reports of accidents.....	5
Miscellaneous.....	83
Total.....	673
<i>Utilities. —</i>	
Complaints against telephone companies.....	53
Complaints against electric light, heating and water companies.....	25
Informal applications relating to rates.....	6
Various informal investigations concerning rates and other informal matters.....	162
Total.....	246

COMPLAINTS RELATING TO EXCESSIVE FREIGHT CHARGES.

The last legislature passed sec. 1797—37m, Laws of 1907, providing in substance that within six months after the delivery of any shipment of freight at destination, any person aggrieved may complain to the Commission that the charge exacted for the transportation of such freight between points in Wisconsin is unusual or exorbitant, and gave this Commission jurisdiction to investigate such charges and to make an order authorizing the railway companies to settle such claims if the rates charged are found to have been unusual or exorbitant. Under this section 16 complaints were filed, which were heard, and 10 decisions were rendered thereon ordering refunds.

Many of the complaints filed under this section are the result of a lack of ordinary care and diligence on the part of the

shippers. Shipments, in many cases, were made without any inquiry whether or not there were commodity rates in effect, and in many cases the companies would have put such rates into effect if application had been made to them.

Some of these complaints have been for insignificant sums and the cost directly incurred by the state has been in some cases in excess of the amount of the alleged overcharge. Some limitation should, perhaps, be placed upon the Commission's jurisdiction. The amount might be limited to not less than a specified sum, and a suggestion to this effect is made under the head of changes in legislation.

UTILITIES.—SURRENDER OF FRANCHISE.—INDETERMINATE PERMITS.

Under the provision of sec. 1797m—77, ch. 499, Laws of 1907, any public utility, being at the time a corporation duly organized under the laws of the state of Wisconsin, operating under an existing license, permit or franchise, shall, upon filing at any time prior to July 1, 1908, with the clerk of the municipality which granted such franchise, receive, by operation of law, in lieu thereof, an indeterminate permit. The filing of such declaration shall be deemed a waiver by such public utility of the right to insist upon the fulfillment of any contract theretofore entered into relating to any rate, charge or service.

An indeterminate permit is defined to "mean and embrace every grant, directly or indirectly from the state, to any corporation, company, individual, association of individuals, their lessees, trustees or receivers appointed by any court whatsoever, of power, right or privilege to own, operate, manage or control any plant or equipment or any part of a plant or equipment within this state for the production, transmission, delivery or furnishing of heat, light, water or power, either directly or indirectly, to or for the public, which shall continue in force until such time as the municipality shall exercise its option to purchase * * * or until it shall be otherwise terminated according to law."

The following is a list of corporations which filed notices of surrender of franchise with the Commission and which obtained, in lieu thereof, an indeterminate permit, together with the date on which such notices were filed and the location of the corporation:

LIST OF INDETERMINATE PERMITS.

No.	Date filed.	Company.	Location.
1.	8/ 1/07	Ashland Light, Power & St. Ry. Co.....	Ashland.
2.	9/27/07	Monroe Electric Light & Power Co.....	Monroe.
3.	9 27/07	Mellen Water & Light Co.....	Mellen.
4.	10/21/07	Burlington Electric Light & Power Co....	Burlington.
5.	10/21/07	Appleton Water Works Co.....	Appleton.
6.	11/26/07	Milwaukee Central Heating Co.....	Milwaukee.
7.	11/29/07	City Water Company.....	Marinette.
8.	11/26/07	City Water Company.....	Sheboygan.
9.	12/ 3/07	Menominee & Marinette Lt. & Traction Co.	Marinette.
10.	12/ 4/07	Mineral Point Electric Light Co.....	Mineral Point.
11.	12/21/07	Wisconsin Electric Service Co.....	Chilton.
12.	12/17/07	North Milwaukee Light & Power Co.....	N. Milwaukee.
13.	1/ 1/08	Northwestern Iron Co.....	Mayville.
14.	2/18/08	Dodgeville Electric Light & Power Co....	Dodgeville.
15.	2 20/08	Platteville Electric Light & Power Co....	Platteville.
16.	3/12/08	Falls Light & Power Co.....	Sheboygan Falls.
17.	4/16/08	Waukesha Gas & Electric Co.....	Waukesha.
18.	4/24/08	Equitable Electric Light Co.....	Lake Geneva.
19.	5/13/08	Portage American Gas Co.....	Portage.
20.	5/30/08	Cashton Light & Power Co.....	Cashton.
21.	6/12/08	West Bend Heating & Lighting Co.....	West Bend.
22.	6/21/08	Washburn Electric Light & Power Co....	Washburn.
23.	6 20/08	Darlington Electric Light & Power Co....	Darlington.
24.	6 20/08	Racine Water Co.....	Racine.
25.	6 21/08	Rhinelanders Lighting Co.....	Rhinelanders.
26.	6/21/08	Manitowoc Water Works Co.....	Manitowoc.
27.	6/23/08	Manitowoc Electric Light Co.....	Manitowoc.
28.	6/23/08	La Crosse Gas & Electric Co.....	La Crosse.
29.	6/23/08	City Water Works.....	Merrill.
30.	6/25/08	Medford Light & Heating Co.....	Medford.
31.	6/25/08	Merrill Railway & Lighting Co.....	Merrill.
32.	6/25/08	(Correcting surrender No. 23).....	
33.	6/29/08	Superior Water, Light & Power Co.....	Superior.
34.	6/29/08	Lake Geneva Water & Light Co.....	Lake Geneva.
35.	6 29/08	Minahan Building Co.....	Green Bay.
36.	6/29/08	Citizens' Gas Co.....	Burlington.
37.	6/29/08	Plankinton Electric Light & Power Co....	Milwaukee.
38.	6/29/08	Wells Power Co.....	Milwaukee.
39.	6/27/08	Glenwood & Downing Light & Power Co..	Glenwood.
40.	6/29/08	Chippewa Falls Water Works & Lighting Co	Chippewa Falls.
41.	6/30/08	Kaukauna Gas, Electric Light & Power Co.	Kaukauna.
42.	6/30/08	Kaukauna Gas, Electric Light & Power Co.	Little Chute.
43.	6/30/08	Portage Electric Light Co.....	Portage.
44.	6/30/08	Beaver Dam Fuel & Light Co.....	Beaver Dam.
45.	6/30/08	Beloit Water, Gas & Electric Co.....	Beloit.
46.	6 30/08	O. I. Newton's Sons Co.....	Sparta.
47.	6/29/08	Viroqua, Electric Light Co.....	Viroqua.
48.	6/29/08	Ripon Light & Water Co.....	Ripon.
49.	6/29/08	Chippewa Valley Ry. Light & Power Co..	Eau Claire.
50.	6 30/08	Menominee & Marinette Lt. & Traction Co.	Marinette.
51.	6/30/08	Campbellsport Electric Light & Power Co.	Campbellsport.

INFORMAL INVESTIGATIONS.

In another part of this volume will be found references to formal investigations begun by the Commission on its own motions. The most of these have been followed by hearings and published decisions, and therefore slight reference is made to them in this volume.

In addition to these, other important investigations, relating to every department of the Commission's work, have been carried on informally: Reference is made to some of them in the discussion of the work performed by the engineering department, which can be found on another page.

Tariff Department.—Informal investigations have been made by the tariff department at the instance of complainants, which have resulted satisfactorily to the parties interested. This is particularly true of the matter of claims for overcharges against carriers. Every complaint submitted has been thoroughly investigated with relation to the rates and the applications made by the companies in determining their charges. This has been observed both as to intra- and inter-state business, the only limitation, so far as interstate traffic is concerned, being the fact that in many cases the files of tariff issues of foreign railways are incomplete. In cases of this kind, where the information was not at hand, the matters have been submitted to the interstate commerce commission and the necessary data secured. These investigations have resulted in frequent adjustments of claims which the carriers had heretofore declined.

Railway Weights and Scales.—The Railroad Commission Law was amended at the last session of the legislature, requiring every railway to correctly weigh all freight shipped, on actual weight, and to correctly weigh all empty cars when freight was shipped in carload lots, and this Commission was given the power to test the weights made by the railways and the scales used in weighing freight or cars under these provisions. The matter of railway weights and scales has received a thorough, but informal investigation. Representatives of the Commission have personally tested the track scales in every part of the state, and while they have been generally found in excellent condition, still the attention of the railways was promptly called to each scale that was found to be defective in any particular, and the

railway companies were instructed to make such corrections, and it is fair to them to state, that the suggestions of the Commission in this respect have been complied with with promptness. The information gained in this respect has been of value to the Commission in the consideration of questions in which the question of scale weights was at issue.

Utilities.—An informal investigation, attended by striking results, was that undertaken to ascertain the extent of discriminations practiced by public utilities doing business in the state. Owing to the general interest shown by the public on this subject, and the results obtained, a full discussion of this particular investigation is here given.

RATE DISCRIMINATIONS BY PUBLIC UTILITIES IN WISCONSIN.

Soon after the Public Utilities Law went into effect, the Commission forwarded, to all utilities operating in the state, blanks upon which to report their schedules of rates in effect on April 1, 1907. Even before these blanks were returned, many inquiries were addressed to the commission by utilities concerning the lawfulness of certain charges. These numerous inquiries disclosed the fact that a multitude of discriminatory rates were in effect in this state when the law was passed. The rate schedules, when placed on file, confirmed this conclusion. In the course of several months many discriminations were eliminated by formal proceedings in the shape of applications to equalize rates, by informal correspondence, and by formal and informal conferences.

Although the work of abolishing discriminatory rates went forward without interruption, there were indications that many such rates were still in effect, even in the latter part of the year 1908. With a view to determine the extent of these practices, the Commission, subsequent to June 30, 1908, sent out other sets of blanks, requiring utilities to report 1, the names of all persons receiving service at other than the published schedule rates. 2, the rate charged in each instance, 3, the rate which should have been charged, and 4, whether such rates were based on contracts terminable at the will of the company. When these

statements were placed on file, they proved a revelation. Although the work of equalization had been going on for some time, the law having been on the statute books for over a year, it was evident that a great number of consumers were still receiving the benefits of discriminatory rates.

It should be stated, however, that not all of the special rates reported by utilities are to be regarded as deliberate discriminations by the terms of the Utilities Law. In many instances the special rates were apparently the direct result of keen competition, wherein rival utilities held out special inducements to prospective customers. In many of these cases formal contracts were entered into, and in such instances the special rates are reported as being in effect until the expiration of such contracts.

In certain cities of the state municipalities and also public officials are reported as beneficiaries, some of which concessions are granted under the terms of franchises. Religious, charitable and educational institutions are also granted special rates in some cases.

In the following discussion attention will be given to discriminatory rates in telephone, water, gas and electric service in the order named.

DISCRIMINATIONS IN TELEPHONE RATES.

Early in the fiscal year the attention of the Commission was directed to the fact that certain telephone companies in the state were maintaining rates and following practices prohibited by the Utilities Law. Many inquiries were addressed to the Commission for a construction of the law, and it soon became apparent that the requests for opinions were becoming too numerous and too varied to answer by informal correspondence. A conference was therefore called at Madison on March 24, 1908. Official notice of this conference was sent to all the telephone companies of the state, and as a result of the discussion at this time, the Commission handed down a decision and order "*In re Free and Reduced Rate Telephone Service*" (U. 18), which covered practically all the mooted questions. This decision was rendered June 12, 1908, and the companies were given three months in which to comply with its terms and equalize all discriminatory rates.

Early in the month of August, 1908, blanks were sent out to

all telephone companies earning over \$10,000 annually, upon which blanks were requested the names of all subscribers still receiving telephone service at less than the legally published schedule rates. Some of the companies responded very promptly; others did not report until October and later. As a result of this lack of uniformity in the time of filing the reports, it is impossible to say what the situation was at any one time. The tabulations which follow represent the situation in September, 1908. The work of equalizing rates was going on to some extent all year, so that the reports to the Commission reveal the situation after a large share of the discriminatory rates in the state had already been abolished. Some companies reported cases as discriminatory which are classed otherwise when interpreted with reference to the Commission's decision and order above referred to (U. 18).

In tabulating the returns, the companies were divided arbitrarily into two classes—"A" and "B," the former including those companies earning more than \$20,000 annually, and the latter those earning over \$10,000 but less than \$20,000.

Number of Telephone Exchanges Reporting.—The following is a short summary of the reports on file:

TABLE I.
Summary of telephone companies and exchanges.

	Reporting no discriminations.	Reportg discriminations.	Total.
Number of companies.....	29	32	61
Number of exchanges.....	68	79	147

From the above it can be seen that 29 out of the 61 companies written to report no discriminatory rates *at any of their exchanges*. Where the same company reported discrimination at one exchange and no discrimination at another, it has been counted, of course, only in the total of companies reporting discrimination. Clearly, the number of exchanges involved is more important, however, than the number of companies, and the following shows the exchanges where, according to the reports of the companies, discriminatory rates were in effect.

Some companies did not make special reports for each exchange, so that the total number of exchanges involved is probably somewhat in excess of what appears in the list.

TABLE II. SUMMARY OF DISCRIMINATORY RATES FOR TELE-

(Including companies

Schedule rates.	Free phones.	31 cts.	42 cts.	50 cts.	58 cts.	75 cts.	83 cts.	92 cts.	\$1.00	\$1.08	\$1.25	\$1.42	\$1.50	\$1.62
\$0.50.....	3													
.66.....					7									
.83.....	4		12											
1.00.....	3	2		5		361	1							
1.04.....	2													
1.25.....	5					36		2	105	7				
1.50.....	17					73	2		407		85			
1.75.....											6		35	
2.00.....	49					12			417		6		168	
2.08.....	2													
2.25.....													1	
2.50.....	14			1		1			326		9		66	3
2.75.....														
3.00.....	18								2				13	
3.50.....	2					1			35			1	7	
3.75.....														
4.00.....	1													
4.50.....	15													
6.00.....														
Total subscriber stations.....	135	2	12	6	7	484	3	2	1,382	7	106	1	560	3
Total schedule charges.....		\$0.62	\$5.04	\$3.00	\$4.05	\$33.00	\$2.40	\$1.84	\$1,382.00	\$7.56	\$132.50	\$1.42	\$40.00	\$4.86

Difference equivalent to rebate, or free service — per month.....

Annually 12 × \$2,593.86 =

TABLE III.

Exchanges and number of subscriber stations at which telephone service was given at less than schedule rates, with comparative total monthly charges.

Name of company.	Location of exchange.	Number of subscriber stations at reduced rates.	Actual monthly charge. Total.	Monthly charge by schedule rates. Total.
Class "A" companies				
1. Ashland Home Telephone Co.	Ashland	24	\$28 50	\$54 50
2. Citizens' Telephone Co.	Racine	2	00	5 00
3. Dane County Telephone Co.	Madison	681	1,804 50	1,568 75
4. Douglas County Tel. Co.	Superior	67	68 44	210 78
5. Fox River Val. Tel. & Tr. Co.	Green Bay	59	50 00	98 00
6. La Crosse Telephone Co.	La Crosse	21	32 00	51 00
7. Peoples Telephone Co.	Superior	19	11 66	55 00
8. Wisconsin Telephone Co.	Algoma	12	11 75	24 00
9. Wisconsin Telephone Co.	Appleton	8	19 00	28 00
10. Wisconsin Telephone Co.	Ashland	1	1 00	2 00
11. Wisconsin Telephone Co.	Bayfield	1	1 50	2 00
12. Wisconsin Telephone Co.	Burlington	1	1 67	1 75
13. Wisconsin Telephone Co.	Columbus	79	70 65	125 00
14. Wisconsin Telephone Co.	Darlington	3	2 25	4 50
15. Wisconsin Telephone Co.	Delavan	4	12 25	15 00
16. Wisconsin Telephone Co.	Depere	131	131 00	257 50
17. Wisconsin Telephone Co.	Elkhorn	21	19 50	33 00
18. Wisconsin Telephone Co.	Fond du Lac	97	138 50	241 00
19. Wisconsin Telephone Co.	Ft. Atkinson	9	9 00	23 00
20. Wisconsin Telephone Co.	Green Bay	14	13 50	28 00
21. Wisconsin Telephone Co.	Hartford	33	32 00	124 25
22. Wisconsin Telephone Co.	Hartland	30	42 99	65 50
23. Wisconsin Telephone Co.	Hortonville	65	53 50	84 50
24. Wisconsin Telephone Co.	Hortonville	32	27 75	47 50
25. Wisconsin Telephone Co.	Hurley	12	22 50	29 25
26. Wisconsin Telephone Co.	Janesville	19	27 15	48 00
27. Wisconsin Telephone Co.	Jefferson	63	60 50	101 00
28. Wisconsin Telephone Co.	Juneau	23	26 25	54 00
29. Wisconsin Telephone Co.	Kaukauna	6	7 00	12 00
30. Wisconsin Telephone Co.	Kewaunee	62	63 00	87 50
31. Wisconsin Telephone Co.	La Crosse	149	217 50	309 00
32. Wisconsin Telephone Co.	Madison	676	730 37	1,432 00
33. Wisconsin Telephone Co.	Manitowoc	56	70 04	124 00
34. Wisconsin Telephone Co.	Marinette	3	5 00	10 50
35. Wisconsin Telephone Co.	Mayville	39	32 25	51 00
36. Wisconsin Telephone Co.	Menomonie	3	5 48	9 50
37. Wisconsin Telephone Co.	Neenah	7	18 00	25 00
38. Wisconsin Telephone Co.	New London	27	26 00	40 50
39. Wisconsin Telephone Co.	N. Fond du Lac ..	7	14 00	21 50
40. Wisconsin Telephone Co.	Oconto	42	35 50	59 00
41. Wisconsin Telephone Co.	Oconto Falls	6	5 75	11 00
42. Wisconsin Telephone Co.	Omro	3	4 25	5 50
43. Wisconsin Telephone Co.	Oshkosh	37	39 00	60 50
44. Wisconsin Telephone Co.	Peshigo	1	1 00	2 00
45. Wisconsin Telephone Co.	Pt. Washington ..	70	63 00	114 50
46. Wisconsin Telephone Co.	Princeton	9	9 00	17 00
47. Wisconsin Telephone Co.	Shullsburg	101	92 50	145 00
48. Wisconsin Telephone Co.	Stevens Point	14	23 00	32 00
49. Wisconsin Telephone Co.	Sturgeon Bay	4	6 50	8 50
50. Wisconsin Telephone Co.	Watertown	4	5 75	8 00
51. Wisconsin Telephone Co.	West Bend	39	38 50	110 75
52. Wisconsin Telephone Co.	Whitewater	136	163 50	246 50
		3,170	\$3,945 74	\$6,388 53

TABLE III - Continued.

Name of company.	Location of exchange.	Number of subscriber stations at reduced rates.	Actual monthly charge. Total.	Monthly charge by schedule rates. Total.
Class "B" companies:				
1. Baraboo Telephone Co.....	Baraboo.....	9	\$ 00	\$0 50
2. Bayfield County Tel. Co.....	Washburn.....	12	9 50	24 00
3. Brodhead Telephone Co.....	Brodhead.....	1	00	1 50
4. Central Wis. Telephone Co....	Hixton.....	4	00	8 00
5. Chippewa County Tel. Co.....	Chippewa Falls.....	5	00	7 50
6. Evansville Telephone Co.....	Evansville.....	1	1 00	2 00
7. Farmers' Tel. Exchange.....	Richland Center.....	18	16 84	23 12
8. Interurban Telephone Co.....	Sun Prairie.....	1	1 00	1 25
9. Jefferson County Tel. Co.....	Ft. Atkinson.....	1	1 25	1 75
*10. La Crosse Interurban Tel. Co.	Barre Mills.....	9	9 00	11 25
11. Mauston Electric Service Co..	Mauston.....	28	24 00	42 00
12. Mondovi Telephone Co.....	Mondovi.....	2	00	4 16
13. Monroe County Telephone Co..	Sparta.....	6	3 50	6 25
14. Pierce County Telephone Co....	Ellsworth.....	4	00	8 00
15. Pierce County Telephone Co....	River Falls.....	3	00	6 00
16. Portage Telephone Co.....	Portage.....	2	00	4 00
17. Reedsburg Telephone Co.....	Reedsburg.....	38	47 50	57 00
18. Rhinelander Mut. Tel. Co.....	Rhinelander.....	10	10 50	25 00
19. St. Croix Valley Tel. Co.....	St. Croix Falls.....	2	1 00	4 00
20. Tomah Electric & Tel. Co.....	Tomah.....	8	5 00	12 00
21. Tri-State Tel. & Teleg. Co.....	Frederic.....	1	00	1 50
22. Tri-State Tel. & Teleg. Co.....	Grantsburg.....	5	4 00	8 00
23. Troy & Honey Creek Tel. Co....	Prairie du Sac.....	9	9 40	11 25
24. Viroqua Telephone Co.....	Viroqua.....	14	15 25	23 00
25. Waushara Telephone Co.....	Poyssippi.....	1	00	1 50
26. Western Wis. Telephone Co....	Independence.....	1	00	1 04
27. Western Wis. Telephone Co....	Trempealeau.....	1	00	1 04
Total.....		196	\$158 54	\$312 61
Grand totals for "A" and "B".....		3,366	4,104 28	6,701 14

*This company also gives free toll service to two patrons, the amounts of which can hardly be estimated.

Discriminations Reported.—Table II shows a summary of discriminatory rates charged by 32 telephone companies of classes "A" and "B," with the number of subscribers receiving favorable rates. This table also gives, on the right, the totals of the correct or schedule charges, and at the bottom the totals of the actual or discriminatory charges. The grand totals for the 32 companies included in this comparison show a difference of \$2,586.86 per month, or \$31,162.32 per year.

The reports submitted by the companies included in table II are further analyzed in table III, which shows the total number of telephones maintained at each exchange at rates other than provided for in the schedule. It also gives the total discriminatory charge per month and the corresponding schedule charge for each exchange.

The "B" companies, according to the figures given in table III, average about 7 discriminatory telephones to an exchange,

and the "A" companies average about 61 to an exchange, which is explained partly by the larger number of subscribers in exchanges operated by "A" companies.

Discrimination at Madison.—Among all the companies and exchanges, the situation at Madison is the most striking. The Dane County Telephone Company, up to September, operated 681 telephones at less than the regular rates, and the Wisconsin Telephone Company operated 676. In dollars and cents the former rendered practically \$359 worth of free service per month, equivalent to rebates to that amount, as against about \$760 for the latter. As a matter of comparison with the situation as a whole, the following summary is of interest:

TABLE IV.
Comparative discriminations in telephone charges

	Total phones.	Actual charge.	Correct charge.
79 exchanges	3,536	\$1,101 28	\$6,701 14
2 Madison exchanges	1,357	1,935 37	3,055 75
Free service per month, 79 exchanges.....			\$2,596 86
Free service per month, 2 Madison exchanges			1,120 38

It is thus seen that of the aggregate monthly discrimination of \$2,596.86 for the 79 exchanges included in tables II and III, \$1,120.38, or 43 per cent of the whole amount, was chargeable to the two Madison exchanges.

Discrimination in Other Cities.—An inspection of table III serves to show that other exchanges, as well, carried a relatively large list of favored subscribers. An accurate idea of this condition may be obtained by comparing the number of telephones at discriminatory rates with the total number of subscribers at the various exchanges as of Sept. 1, 1907. Such comparison shows an average for all the exchanges considered of about 8 discriminatory telephones to every 100 subscribers. The following table gives the proportions for those exchanges only, where the total of discriminatory telephones exceeds this average. The names of the companies and exchanges are omitted, but each figure represents one exchange.

TABLE V.

Telephone exchanges having more than average number of discriminations.

Discrimination to 100 subscribers.	Discrimination to 100 subscribers.	Discrimination to 100 subscribers.	Discrimination to 100 subscribers.
29.6	11.8	12.3	9.8
21.2	24.4	8.1	10.8
20.9	32.2	37.	13.5
31.	45.6	21.9	13.9
34.4	30.	74.8	12.5
56.6	24.2	42.6	
50.	9.4	35.9	

It is interesting to note, that of the exchanges operated by "A" companies 21, or 40 per cent of the total, exceed the general average, and by large margins; of the exchanges operated by the "B" companies, only 5, or 20 per cent, exceed the average, and these by slight margins, the highest being 13.9 per 100.

(It must be remembered that the situation detailed in the preceding pages existed about September, 1908. The order of the Commission, compelling the equalization of all rates, went into effect Sept. 12. This picture, therefore, does not adequately portray the situation as it existed prior to the passage of the Utilities Law, nor even as it existed when the Commission called its first conference in March. It is a fair presumption, that fully $\frac{1}{4}$ to $\frac{1}{3}$ of the discriminations had been abolished when the reports were made upon which these tabulations were based. It must be remembered further, that the tabulations are based upon the reports of only the "A" and "B" companies, 61 in number, whereas the total number of telephone companies in the state is approximately 569.)

Unexpired Contracts.—One of the most perplexing features developed by this investigation relates to the matter of unexpired and interminable contracts, such contracts having been made previous to April 1, 1907. The blanks sent out to the companies asked for a statement, whether the rate in effect was based upon a contract which was not terminable at the will of the company, and when that contract was to expire. This question left it entirely to the judgment of the company to decide whether they had the right to terminate certain contracts.

The Commission has held that any contract, providing for unjustly discriminatory rates, is voidable at the expiration of the first contract period. That is, a contract which is renewable

quarterly, should be abrogated at the first succeeding quarter and the beneficiary thereof placed upon the regular schedule charge. If a valid contract runs for a series of years, but is terminable at the option of either party at the end of one, or two, or more years, it must be abrogated at the first succeeding terminable period. Whenever the terms of contracts providing for discriminatory rates are of such a character that they can be set aside as null and void, as against public policy and in violation of law, this should be done. The Utilities Law contemplates equal rates to all. It makes no exceptions.

Table VI summarizes the returns on this point:

TABLE VI.

Telephone service contracts unexpired June 30, 1908, and not terminable at the will of the company.

Time of expiration.		Number of subscribers' stations.
1908	August.....	13
	September.....	6
	October.....	1
	November.....	1
	December.....	1
1909	January.....	1
	February.....	1
	April.....	2
	June.....	2
	September.....	1
1910	March.....	1
1911	February.....	1
1912	April.....	3
	May.....	3
	December.....	1
	Uncertain.....	27
Total.....		65

This summary shows that in the opinion of the companies themselves, 65 telephones out of a total of 3,366 cases of discrimination reported, must be maintained at discriminatory rates. There are great doubts, for instance, whether some of these contracts, which provide for exclusive service by one of two competing companies, will stand the test of the courts, and in such case the above estimate of telephones, which must be maintained in spite of the order of the Commission, may be considerably reduced.

Conclusion.—In conclusion it should be stated that by informal correspondence and conference the amount of discrimination in rates was materially reduced before the Commission is-

sued its formal order and decision; that in the interval of three months, which elapsed between the issuance and the effectiveness of the Commission's order, the telephone companies themselves carried on the work of equalization of rates; that just prior to the time when the order was to take effect, about 3,300 telephones were still maintained at rates which were subject to equalization or immediate increase; and finally, since these figures are drawn from about one-tenth of the total number of telephone companies in the state, that there must have been an amazing number of such discriminations in charges for telephone service previous to the enactment of the Public Utilities Law.

DISCRIMINATIONS IN WATER RATES.

The water companies of the state did not report in any very certain and unmistakable manner. There was probably considerable misunderstanding on the part of superintendents of municipal water works as to what it was necessary for them to report to this Commission. The private corporations furnishing water, almost without exception, reported all the rates in effect which were out of harmony with their regular schedule, including rates which, under the franchise provisions, were accorded the municipality itself. Municipal plants, on the other hand, reported private consumers who received other than schedule rates, but in many instances undoubtedly failed to report not only what municipal institutions were receiving water at reduced rates, but also religious and educational institutions, though the latter were not owned by the city.

In all, 70 utilities furnishing water filed their statements in time for the report. Of the total 28 reported no discriminatory rates in effect, and 42 reported such rates; that is, 3 out of 5 reported discriminatory practices.

Private Consumers Receiving Special Rates.—In order to make possible a comparison of conditions in different localities, it will be necessary to differentiate between discrimination in favor of municipalities and those in favor of private consumers. The former are not clearly set forth in all the reports, as is evident from the incomplete nature of the data contained in table VII. As table VII itself indicates, the reports by water companies are, at best, incomplete and uncertain. All we can de-

duce is, that 10 private water companies, with a total of over 15,000 service connections, report 62 cases of discrimination in favor of private citizens, or 3 cases to 1,000 service connections; that 25 municipal plants, with a total of about 23,000 service connections, report 112 such cases, or 5 cases to 1,000 service connections. [For table VII see page 1156.] One discrimination, however, it must be clearly understood, may include more than one service connection. If reports of municipal plants, giving the number of charitable and educational institutions receiving special rates, can be secured, the ratio for municipal plants would undoubtedly rise perceptibly. Most of the private plants reported those cases fully, and indications are that the omissions were not as numerous on the part of private companies.

Water companies, just as is the case with telephone companies, have been carrying on the work of equalizing their rates for fully a year; what has been reported to the Commission, then, by the companies that did file their reports, is simply what has been left undone and is no indication of what existed before the Utilities Law was passed.

Illustrations of Discrimination.—In order to get a clearer view as to the manner in which discrimination has been practiced by this class of utilities, a few concrete illustrations will be given. These illustrations are cited because they are typical of conditions as they existed throughout the state before the passage of the law.

Municipality No. 1. In one city of over 15,000 inhabitants 9 consumers paid annually for water service about \$210.00. If they had been listed according to the published schedules, the total charge per year would have been about \$336, a discrimination, equivalent to a rebate, of \$125 in favor of the nine consumers, or about \$14 a year per consumer.

Municipality No. 2. In another city of about 4,000 inhabitants the water company served 17 consumers free of charge. In tabulated form, arranged according to the amount of the regular schedule rates which should have been charged, the summary of discriminatory charges in this community appears as follows:

TABLE VIII.

List of consumers receiving water free of charge.

Consumers.	Schedule rate per year.	Total schedule charge per year.
Nos. 1, 2 and 3.....	\$2 75	\$6 25
No. 4.....	3 00	3 00
No. 5.....	4 50	4 50
No. 6.....	5 00	5 00
Nos. 7 and 8.....	7 50	15 00
No. 9.....	8 00	8 00
Nos. 10 and 11.....	8 75	17 50
No. 12.....	16 25	16 25
Nos. 13 and 14.....	25 00	50 00
No. 15.....	28 00	28 00
No. 16.....	45 00	45 00
No. 17.....	66 80	66 80
		\$267 30

According to the foregoing tabulation 17 consumers receive annually \$267.30 worth of service free of charge, an average of \$16 per year per consumer.

DISCRIMINATION IN RATES BY UTILITIES FURNISHING GAS.

There are but 52 utilities on the Commission's list which furnish gas. A total of 31 such utilities reported, 20 stating they had no discriminatory rates in effect, and 11 reporting discriminatory rates of some kind. That is, only 1 out of 3 reports discriminatory practices.

No report has been received up to date from all gas companies showing their total number of consumers. It is therefore impossible to make a comparison of the number of consumers receiving special rates with the total number of consumers of each gas company. The only tabulation, which the available reports will permit, is a mere list of the number of consumers receiving special rates.

TABLE IX.
Number of consumers receiving from gas companies discriminatory rates.

	Number of consumers receiving special rates.
1.....	3
2.....	2 - Employees
3.....	1 Employee.
4.....	? - Employees half rate.
5.....	4
6.....	5
7.....	5
8.....	? \$1 rate to city.
9.....	3
10.....	2
11.....	8

Table IX shows that 11 companies granted special rates to about 40 consumers. On a rough estimate, the total number of gas consumers of these companies would approximate 13,000, on which basis it appears that about 3 out of 1,000 consumers of these companies are furnished service at other than schedule rates. Cities and employees seem to be the most numerous among the beneficiaries of gas companies.

DISCRIMINATION IN RATES FOR ELECTRIC SERVICE.

Of the 232 utilities furnishing electric current in this state, about one-half reported their discriminatory service in time for this report. Of the 117 that did report in time, over half were furnishing service at other than their regular schedule rates. Table X summarizes the number of electric plants and the proportion reporting:

TABLE X.
Summary of reports of electric companies as to discriminatory rates.

Total number of utilities furnishing electric current.....	232
Total number of electrical utilities reporting no discriminatory rates.....	50
Total number of such utilities reporting discriminatory service of some kind.....	69
Total number of such utilities failing to report in time for this tabulation.....	113
Total.....	232

Electric Companies Reporting Discriminations. - It is impossible to show the discrimination of electrical companies as a whole, for the reason that only one-half of the companies have reported, and for the further reason that many of the companies,

which made reports, failed to give sufficient information to indicate what the regular charge for different items should have been per month or per year. The only data available, conveying some idea of the extent to which discrimination existed, is the total number of consumers favored by each utility, and the total number of commercial lighting consumers on the books of each company. This information is tabulated in the following compilation:

[For table XI see page 1157.]

One or two items in this table are lacking, and the totals for this reason are not absolutely accurate. However, the utilities for which information is lacking are small, for the most part, and the omissions do not prejudice the result in any way.

From the foregoing it is seen that for the companies which reported discriminatory rates, about 3 out of every 100 consumers pay less than the schedule rate. The proportion is not so great as that for telephone companies, but it exceeds that for both water and gas utilities. It is impossible to so tabulate the reports of all these companies as to get the money value of discrimination of all electric companies reporting. We can, however, select certain of the reports and give them in detail, in order to show to what extent, within any given community, the rates charged for electric current lack uniformity. It must not be understood that the publication of these reports is for the purpose of exposure. The situations revealed in the following concrete illustrations are only typical of conditions existing in nearly every municipality in the state. Because a certain utility has more discriminations in effect than another, does not mean in itself that it is following a vicious practice or is using unlawful methods. Most of the discriminations cited are remnants of a former period of unrestricted competition; others are the outgrowth of circumstances over which the utilities themselves had no control.

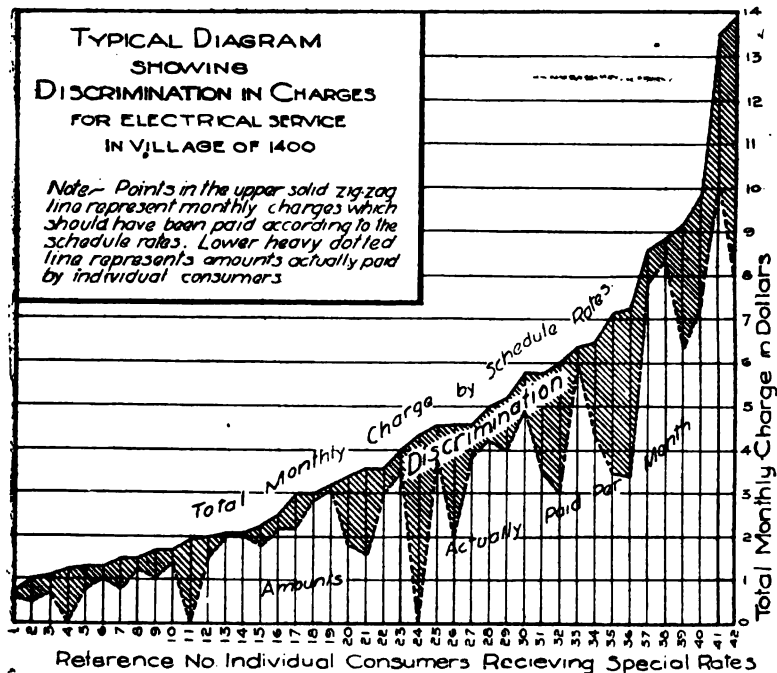
One electric company in a community of 8,000 has a total of 425 electric lighting consumers, and 43 of these are reported as receiving service at other than schedule rates; that is, about 10 out of every 100. Table XII presents a few of those favored consumers and indicates the extent to which charges for electric current varied in the community referred to:

TABLE XII.

Rates actually charged and schedule rates which should have been charged 10 consumers of electric current in the city of.....

CONSUMER.	Rate charged.	SCHEDULE RATES.	
		8cts. per kw.	12cts. per kw.
No. 1.....	8 cts. per kw.....		1
No. 2.....	10 cts. per kw.....		1
No. 3.....	80 cts. per month.....		1
No. 4.....	\$1.25 per month.....	1	
No. 5.....	2 50 " ".....		1
No. 6 and 7.....	3 00 " ".....	1	1
No. 8.....	4 50 " ".....		1
No. 9 and 10.....	5 00 " ".....	1	1

In another village, of 1,400 inhabitants, the electric company granted special rates to 42 out of a total of 99 consumers. The amounts which those 42 favored consumers actually paid, and the corresponding schedule charge for each one are diagrammed in Fig. 1.



By way of explaining the diagram, a concrete illustration may be taken. For example, consumer No. 36 was paying about \$3.40 per month. The extended line shows that he should have paid about \$7.20. The margin between the dotted and heavy lines represents the discrimination equivalent to a rebate, about \$3.80. The zig-zag character of the dotted line shows the lack of system in granting the rates represented in the diagram; and the shaded area lying between the dotted and heavy lines roughly represents the money value of the discrimination in favor of these 42 consumers.

Another utility, operating in a city of 9,000, exacted from one of its consumers \$50 a year for 40 lights, and furnished another consumer 50 lights in exchange for the "shavings from his mill."

The most striking illustration of discrimination due to former competitive conditions which can be cited, is that practiced by an electric company operating in a city of about 30,000. The money value of the discrimination at the present time is shown in table XIII, which gives the total number of cases of discrimination, the total amounts charged 121 consumers on the average per month, and the total amount which should have been charged according to the published schedules of the company:

TABLE XIII.

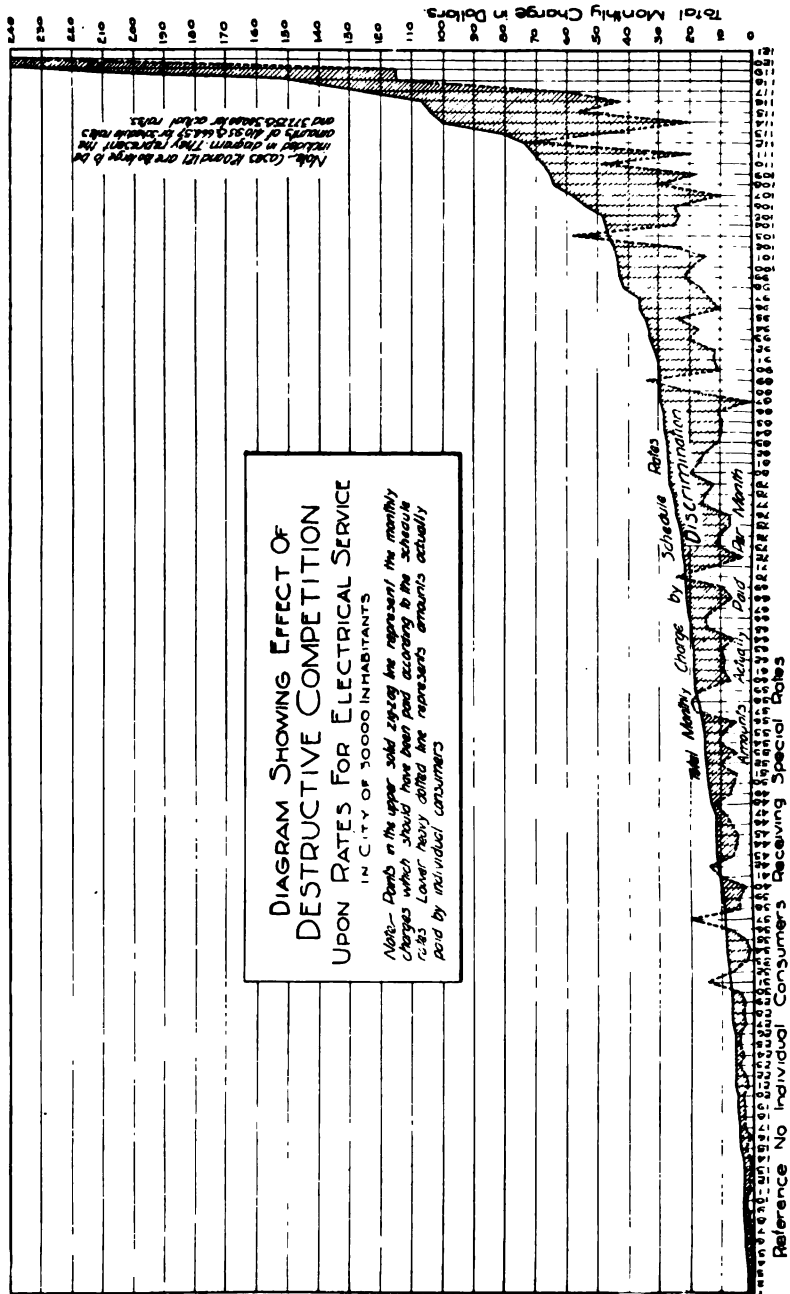
Showing the amount of discrimination and the number of cases of discrimination in a city of about 30,000.

Total number of consumers.....	2,390	
Total cases of discrimination	127	
<hr/>		
	Total amount charged per month.	Total schedule charged per month.
<hr/>		
121 cases of discrimination	\$2,365 06	\$4,261 35
8 cases	206 64	159 34
<hr/>		
113 cases	\$2,159 32	\$4,102 01
<hr/>		

MONTHLY DIFFERENCE.

121 cases of discrimination (including 8 in which more than schedule charge was exacted).....	\$1,896 39
113 cases of discrimination (excluding 8 in which more than schedule charge was exacted).....	1,942 69

It will be noted that in this city there were in reality 127 cases of discrimination, but in 6 cases the actual or schedule charges were not obtainable; hence those cases had to be rejected in the calculation shown in table XIII. In eight cases the consumers



were paying more than the schedule charge, which fact appears clearly in the diagram, Fig. 2, wherever the peaks protrude above the line representing schedule rates.

Practically all of the cases above cited will probably continue to exist for some time, owing to the fact that the special rates were contracted for prior to April 1, 1907, and must continue until the contracts expire, unless it be held that such contracts were void at common law when made.

In Fig. 2 are shown in graphic form the 121 cases above referred to. The basis of this diagram is similar to that of Fig. 1. Attention may be directed to the fact, that as the work of equalizing these discriminatory rates progresses, the lower line will continue to move upward, and when all discriminatory rates have been abolished, the two lines will coincide and the shaded area, which roughly represents discrimination, will entirely disappear.

CONCLUSION.

Summary of all Utilities Reporting Discriminatory Charges.

The following summary of the entire situation affords some, though not a very accurate basis for comparison between the different classes of utilities:

TABLE XIV.

Final summary of number of utilities reporting.

	No discrimi- nation.	Discrimination.	Per cent of utilities reporting discrimination.
Telephone.....	29	32	52.54
Water.....	28	42	60.0
Gas.....	20	11	35.5
Electric.....	50	69	57.9
Average.....			54.84

In the foregoing table XIV 60 per cent of the water companies reporting had discriminatory rates in effect. The next highest rates are for electric companies, namely, 57.9 per cent. Telephone companies reported somewhat earlier than other utilities, and the statistics for other utilities show the situation late in October and up to about the middle of November. In general, it might be expected that the percentages for other

utilities than telephone companies would be lower on account of the additional time allowed them for equalizing discriminatory rates.

There are two facts which can not be emphasized too strongly or too often. In the first place, conditions, as they appear on the foregoing pages, are conditions after the Utilities Law had been in operation over a year. The foregoing facts represent merely the residue of an accumulation made during a period of unrestricted competition, and on the dissipation of which a year's time and effort had already been expended. Some idea of what progress had already been made in eliminating discriminatory rates in the course of the year, can be gained by comparing the reports made at this time with statements submitted at a subsequent occasion, incidental to some formal matter before the Commission. For instance, a certain electric company reports but 15 consumers enjoying special rates for electric current on Oct. 1, 1908. In January, 1908, the same company applied for authority to equalize rates and submitted an exhibit showing the discriminatory rates which were then in force. Table XV presents the complex situation which prevailed at that time as clearly as a confusing tangle of special rates can be presented:

In the rough, table XV includes every variety of consumer, insofar as the character of his business is concerned. The figures which are shown in bold-face type represent saloons only. Mere inspection of the table indicates, that the irregularity and haphazard nature of charges generally, prevails also when one certain class of consumers is considered by itself.

In the second place, the tabulations do not contain the reports of all utilities in the state. Only 61 out of 569 telephone companies were asked to report. Of the utilities furnishing water 70 out of 141 reported; 31 out of 52 gas companies reported, and 119 out of 232 electric companies, making a total of 281 utilities out of 994 in the state which filed the statement showing discriminatory rates. This discussion constitutes but an index to the situation in the state as a whole.

We have seen that one utility reduced the number of discriminatory rates from approximately 100 to 15 during the time that elapsed between the filing of its application to equalize and the filing of the statement asked for in October. Other utilities have done the same, and it is only a matter of conjecture as to how extensive the eliminations are that were made before the Commission asked for the statements of discriminatory rates still in effect, and we have just seen that the statements of only a small portion of the utilities in the state have been tabulated. In short, these tabulations are but an index to the situation in the state as a whole, and the situation in the state, as a whole, to-day is only a remnant of what actually existed when the Utilities Law was passed.

No provision of any law has ever struck more directly at evils in utility enterprises than this, nor has anything ever been done in the regulation of quasi-public business in this state which more fundamentally effects the moral sense of the citizens of Wisconsin. In this respect the Utilities Law has brought about a quiet revolution, just as it is effecting a revolution in the business methods of many of the plants.

The discriminations which have been briefly described above have passed into history. A few remain, and these are complicated with more or less serious legal questions. The courts may be trusted to dispose of them fairly when the issues shall have been presented. Ample time and opportunity has been given to the respective managements to put their houses in order, and the Commission shall proceed promptly

against any management which may hereafter be found delinquent in its obedience to the law. We know of no such, and we hope there are none.

APPLICATIONS FOR CERTIFICATES OF CONVENIENCE AND NECESSITY.

Sections 1797—39 to 1797—60 of the Laws of 1907 provide that "No railroad corporation hereafter organized shall exercise the powers conferred upon it by the laws of Wisconsin, nor begin the construction of any proposed line of railroad in this state, until it shall have obtained from the railroad commission of Wisconsin, a certificate that public convenience and necessity require the construction of said railroad as proposed in the articles of association of said railroad company, and such certificate shall constitute the license of this state to the company to build its said railroad."

Under the above law, from the date of its enactment until June 30, 1908, there were fourteen applications of this nature filed, and some of them proved to be the most warmly contested matters ever considered by the Commission. The Eastern Railway Company of Minnesota, the Minneapolis, St. Paul & Sault Ste. Marie, and the Interstate Transfer Railway Company applied for authority to construct their lines within the city limits of Superior. All were objected to with great vigor by the other railroads in that city. The Commission has granted the certificates in the applications of the Wisconsin & Northern Minnesota Railway Company, the Minneapolis, St. Paul & Sault Ste. Marie Railway Company, and the Eastern Railway Company of Minnesota.

The application of the Milwaukee and Fox River Valley Railway Company was also opposed by other railways, and continued hearings were held, both at Madison and along the line of the proposed road. It is still undisposed of. These matters are considered at length in another portion of this report.

APPLICATIONS FOR AUTHORITY TO ISSUE STOCKS AND BONDS.

Chapter 576, Laws of 1907, defines the term public service corporation to mean and embrace every railroad, street railway, telegraph, express, freight line, sleeping car, light, heat,

water and power corporation, and all other corporations engaged in the business of supplying the public directly or indirectly with light, heat, power or water, or in transmitting telegraph messages, in transporting passengers, freight or express, and provides that no public service corporation shall hereafter issue any stocks, stock certificates, bonds, or any other evidences of indebtedness, payable in more than one year from date, until it shall have first obtained authority for such issue from this Commission. From the date of the enactment of the law to June 30, 1908, there were 40 such applications. The practice of the Commission has been in these applications to call upon the companies for such data as it believed to be necessary, before the certificates were approved. In the application of the Minneapolis, St. Paul and Sault Ste. Marie Railway Company for authority to issue stock, the Commission refused to grant the necessary certificate, because the applicant company had not filed the amendment to its articles of organization, increasing its stock, with the secretary of state, as required by the Wisconsin law. It was presumed that its reason for not filing its amendment was, because the Wisconsin laws provide for a filing fee of \$1.00 a thousand for such increase. As the amendment provided for an increase of capital stock of \$21,000,000, the filing fee was \$21,000, and this not having been paid, the Commission refused to authorize the issue of the stock, whereupon *mandamus* proceedings were begun. The matter having gone to the supreme court, that tribunal, on Sept. 29, handed down a decision sustaining the Commission and giving a broad construction to the law in question.

In another portion of this report will be found a summary of the applications under this law, and the action taken thereon.

WISCONSIN VALLEY IMPROVEMENT COMPANY.

Under the provisions of ch. 335, Laws of 1907, the Wisconsin Valley Improvement Company is authorized to construct, acquire and maintain a system of water reservoirs located in or along the Wisconsin river, north of the south line of township 34 north, and to construct, acquire, and maintain the necessary dams, booms, sluiceways, locks and other structures

in and across said river and its tributaries. The purpose of the law is to give this company power to maintain the said improvements, in order to furnish a uniform flowage of water to be used by the water powers developed along said stream, and to improve the navigation of the same. The law provides that the company may collect tolls from the owners of water powers benefited in an amount that will cover the reasonable cost of operation and pay 6 per cent on the investment. Such tolls are determined semi-annually by the Commission on or about the first of January and July. The company files with the Commission itemized statements of all receipts and expenditures, and itemized data as to its operation. In the month of January, 1908, the Commission fixed the tolls to be paid by the owners or lessees of the water powers benefited for the six months period ending June 30, 1908. See No. 44 Formal Complaints and Valuation Cases Involving Public Utilities.

RAILWAY MILEAGE IN WISCONSIN.

During the past year there were no striking changes either in railway mileage or in railway ownership in the state. On another page will be found a comparative statement of the railway mileage operated in Wisconsin on June 30, 1907, and June 30, 1908. In the period there was a slight increase, amounting to 62.53 miles. The Chicago, Milwaukee & St. Paul Railway Company has taken over the Wisconsin & Western Railway, amounting to 51.35 miles. The Tomahawk & Eastern leased from the Marinette, Tomahawk & Western 20.77 miles of its line. The Hawthorne, Nebagamon & Superior abandoned the operation of its line and has taken up its rails. It was a small logging road with 7.35 miles of track.

ACCIDENTS.

Railway.—The Railroad Commission Law requires all companies operating in the state of Wisconsin to report immediately to this Commission all accidents resulting in loss of human life. The requirements of the statute have been substantially observed by the railways.

During the past year a number of serious accidents unat-

tended by loss of human life have occurred, but which, had conditions been different, might have resulted in many fatalities. In order that the Commission might be informed concerning these accidents, instructions have been issued to all companies doing business in Wisconsin, to report by telegraph, at once, any accidents which might have resulted in loss of life. These instructions the companies are observing. The early knowledge of these accidents has made it possible for the Commission to have investigations made upon the ground where the accidents have occurred, before the wreckage has been cleared away. Illustrations of this are train wrecks, which, however, occurred since June 30, 1908, one of them the wreck of a passenger train on the Chicago, Milwaukee & St. Paul Railway near Sun Prairie; another the serious derailment of the "Duluth-Superior Flyer" on the Chicago, St. Paul, Minneapolis & Omaha Railway near Augusta; and a third a draw-bridge accident on the Chicago & North Western Railway near Green Bay.

The Commission also requires the railway companies to make monthly reports of all accidents occurring along their respective lines within the state. A summary of these monthly reports can be found upon another page of this volume.

The steam railroads and the electric street and interurban railways together reported 240 persons killed, and 2743 injured by them in this state during the year ending June 30, 1908. Of these the steam roads were responsible for 207 killed, and 1867 injured; the electric railways for 33 killed, and 876 injured.

The steam roads killed 4 passengers, and injured 151 more; the electric railways killed 5, and injured 759. Forty-eight employes were killed by the steam railroads and 5 by electric railroads; while 1,486 and 40, respectively, were injured. Crossings account for 34 of the deaths reported by the steam roads, and 76 of the injuries; the electric lines reported 5 injured in this manner. Seventy-three trespassers on right of way, and 15 trespassers on trains were killed by the steam roads, and one of each class by the electric roads; the injured of this class numbered 45 and 39, respectively.

Struck by train was the most common cause of death reported. The railroads killed 155 in this manner, and injured 200 more; the electric railroads killed 23, and injured 65. The

steam roads report 17 deaths by falling from trains, and 176 injured; the electric railways 56 injured. Jumping on and off trains resulted in 11 deaths on the steam, 6 on the electric railroads; and 174 and 448 injuries. Coupling and uncoupling cost 6 lives and 120 injuries. Collisions caused 5 deaths and 72 injuries on the railroads, and 120 injuries on the electric railways. One death and 12 injuries were caused by overhead obstructions.

Utilities.—The Public Utilities Law contains a provision regarding accidents, similar to the Railroad Commission Law, in that it requires every utility to report immediately to the Commission every accident attended with loss of human life occurring in the state, upon its premises, or directly or indirectly arising from or connected with its maintenance or operation.

Some of the companies have observed the provisions of the law and have given full, satisfactory and prompt reports of such fatalities, but it is probable that other companies have failed to report such accidents, probably from a lack of understanding of the requirements.

The reports received are probably incomplete, so no figures of this nature are given, but future reports will contain summaries of the data received from the companies.

As far as practicable reports will be called for on all accidents, whether attended by fatalities or not, and such as require investigation will receive it.

THE COMMISSION AND THE COURTS.

Out of the total of 393 formal decisions under the Railroad Commission Law, 3 have been appealed. Two of these are now pending in the circuit court, and a third was decided by the supreme court on June 5, 1908. This decision, the syllabus of which is given elsewhere in this report, discusses the order of the Commission under review; it analyzes and interprets the salient provisions of the statute creating the Commission; it meets in the broadest and most progressive manner the arguments relating to constitutional limitations and the allegations regarding the exercise of legislative power by the Commission; it brings into clear perspective the rights of the

companies, as well as the rights of the public; and in substance it declares that, even though on the given facts the court might decide a case differently from what the Commission does, if no errors of law have been committed, and the question is one regarding which reasonable and competent men might differ, the court will not set aside the order of the Commission.

There have been over 100 formal decisions relating to utilities, but no appeals have been taken thus far.

One appeal has been taken from a decision under the Public Convenience and Necessities Law, which is pending; and one from a decision under the Stock and Bond Law. This latter case has been decided by the supreme court in a manner greatly to strengthen and define the law. The closing paragraph of the syllabus, prepared by JUSTICE MARSHALL and included in the published decision, reads as follows:

"The railroad commission of this state has authority under section 1753—3 of the Statutes (Laws 1907, pp. 411, 412, ch. 576), to pass upon the competency of a railroad corporation to increase its capital stock and to refuse permission in that regard in case the articles of incorporation shall not have been so broadened as to cover the subject by a valid amendment which requires public record of the change to be made in the office of the Secretary of State and compliance with the conditions precedent thereto in respect to the payment of fees."

UNDUE EXPECTATIONS WHERE COMMISSION IS WITHOUT JURISDICTION.

A great many matters are brought to the attention of the Commission over which it has no jurisdiction. In practically all of these cases the Commission volunteers to act as intermediary between the parties in interest, in the hope of effecting a settlement satisfactory to the respective parties. In a number of cases, it appears, this has aroused undue expectations on the part of the correspondents, and, forgetting that the Commission has no jurisdiction and that it can only suggest and recommend, they have interpreted the failure of the Commission to bring about the exact results which they had desired, as equivalent to a lack of efficiency and attention to duty. In several cases of this kind the record in this office

shows voluminous correspondence relating to purely interstate matters, and other matters over which only courts have jurisdiction, but which, in spite of the voluminous correspondence, and frequently special investigations of the Commission, have failed to satisfy correspondents that the utmost within the power of the Commission has been done in their behalf. This feature of the office work of the Commission is referred to here only in the hope that the attention of the public will be called to it and that in the future correspondents who have matters of this kind will be more careful to remember that the Railroad Commission Law and the Public Utilities Law and other laws which the Railroad Commission administers, are as binding upon the Commission as they are upon the companies and the general public, and that the Commission can not take compulsory action in matters over which it has no jurisdiction.

OUTLAY BY THE COMMISSION.

The Commission is operating under two separate laws, chapter 362 of the Laws of 1905, known as the Railroad Commission Law, and chapter 499 of the Laws of 1907, known as the Public Utilities Law. Under the former there is no limitation on the amount the Commission may expend in its administration, but under the latter the amount is limited to the sum of \$52,000.

In addition to these statutes other laws have been enacted, charging upon the Commission other duties which require the expenditure of considerable sums on account of the statistical and engineering difficulties of the work.

The large item of cost, both under the Railroad Law and the Utilities Law, is the expense of the engineering department. On another page will be found a table showing the exact separation of the engineering expense incurred under each of the laws. The figures reported to the secretary of state, and included in his report, are as follows: Amount expended under the Railroad Commission Law amounts to \$48,169.77, the amount expended under the Public Utilities Law amounts to \$17,513.74, total, \$65,683.51.

SUGGESTIONS FOR LEGISLATION.

PUBLIC UTILITIES LAW.

The administration of the Public Utilities Law has revealed no weaknesses in its essential provisions. In several instances the Commission has been obliged to place a somewhat liberal interpretation upon it, in order to make the law fit the concrete situations which were presented. It will be assumed, however, that the interpretation thus placed upon the law is in harmony with its spirit and the intention of the legislature, unless the legislature directs otherwise. The only amendment to the Public Utilities Law, which may be suggested, is one extending the period of time during which public utility companies, organized before the enactment of the law, can surrender their franchises and secure in lieu thereof indeterminate permits. The Utilities Law limited the time, during which a franchise could be surrendered, to the first of July, 1908. Since this date a number of companies have inquired of the Commission as to the manner in which they could now surrender their franchises. In our judgment it is desirable that utilities, still operating under franchises granted before the enactment of the law, should have an opportunity to surrender the same at any time in the future.

Possibly it is in the interest of the public to go a step further and, under the reserve power of the Constitution, by statute repeal all franchises still in existence and grant in lieu thereof indeterminate permits. The second suggestion is obviously a much larger proposition, but we are inclined to believe that it merits careful consideration.

CROSSINGS.

A considerable number of complaints and controversies relating to crossings, involving a variety of questions and interests, has come before the Commission. In every instance the Commission has endeavored to use its good offices in the capacity of an intermediary, with a view of bringing about a satisfactory issue, even though it possessed no authority under the statute. Our experience and observation indicates,

that it would be desirable to place all crossings—steam railroads with one another, steam and electric railroads, steam and electric and highways—under the jurisdiction of the Commission. It would then be possible to proceed along some uniform and consistent way in reaching a solution of the numerous difficulties existing in connection with crossings in this state.

REBATES.

Under the Public Utilities Law it is a punishable offense knowingly to ask for a rebate or other special favors. Under the Railroad Commission Law this is not the fact. Recently a shipper called the attention of the Commission to an alleged discrimination in favor of a competitor by means of underweighing. The report of the special agent, who was sent to the locality by the Commission, shows that the rival shipper in question had knowingly and deliberately attempted to secure special favors from the railroad, but was unsuccessful in his attempt. Other instances involving the same principle have been brought to the attention of the Commission from time to time. We believe it in the interest of fairness and good public policy to make such acts punishable under the statute.

DUTIES OF THE SECRETARY.

As the law now stands, the Railroad Commission must certify all orders, notices and other official documents. This means that each member of the Commission must personally sign every notice of investigation and hearing, every certified copy of a decision or other official documents. We believe it in the interest of economy to change the law so as to authorize the secretary of the Commission to perform these duties, and thus save the time of the Commission for more important work.

CERTIFICATES OF CONVENIENCE AND NECESSITY.

The Public Convenience and Necessity Law could to advantage be modified, so as to permit the Commission to con-

sider the financial ability of the applicants in passing upon the application for such certificate, as some doubt exists at present of the right of the Commission to inquire into such matter. The law might be further amended to authorize the Commission to permit modifications of the certificate of public convenience and necessity at any time subsequent to its first issuance.

INDUSTRY TRACKS.

The Spur Track Law, chapter 352, Laws of 1907, might be amended so as not to require a previous construction of a part of the entire industrial plant with which connection is to be made by the proposed spur track. The very fact that the applicant must bear the entire expense of the construction of the track is in most, if not in all, instances sufficient guarantee of the good faith with which he acts. As the law now stands, a man may invest any number of thousands of dollars in a plant, confidently believing that the facts will justify the Railroad Commission in ordering the railroad company to build a spur track to such plant. After investigation and hearing however, it may transpire that the Commission cannot lawfully make such an order. The injustice of the situation is apparent. Another feature of this law relates to the limited scope of the inquiry of the Commission with reference to facts that can be lawfully considered in arriving at a decision. Certain things are specified in the law which must be considered and all other considerations, no matter how important from a public and private point of view, must be excluded. This feature of the law was discussed in the opinion and order of this Commission in the case of the *Jefferson Ice Company vs. C. & N. W. Railway Company*, to which reference may here be made.

REFUNDS.

The so-called Rebate or Refund Law apparently applies only to charges for the transportation of freight, and not to charges for services in connection therewith. A considerable number of instances have been brought to the attention of the Commission where it would have been an undoubted advan-

tage for it to be able to act in the case of demurrage charges. We believe these charges should be brought under the jurisdiction of the Commission in this respect. Perhaps it may be well to make the law apply not only to charges for transportation of freight, but to all charges for services in connection therewith. It is also worthy of consideration whether the jurisdiction of the Commission under this act should not be limited to claims for refund involving a certain minimum amount. The majority of claims, which have hitherto been passed upon by the Commission, could have been avoided if the shipper had previously examined the rates, as it is his duty to do.

STOCK AND BOND LAW.

The Stock and Bond Law has been given more definiteness and vitality through a decision of the supreme court of Wisconsin in the case of *M. St. P. & S. S. M. Ry. vs. R. R. Commission of Wisconsin*. This decision probably obviates the necessity of amending the law in those respects in which its original purposes and intent were not clear. We think, however, that it should be amended so as to include telephone companies. The securities of telephone companies can be issued with the same degree of carelessness and consequent injury to the public as the securities of other public utilities have been issued in the past. There is nothing in the nature of the telephone business which makes it different from the other utilities in this respect, and we therefore recommend that no telephone companies be allowed hereafter to issue securities without a certificate from this Commission.

TELEPHONES IN STATIONS.

Chapter 614, Laws of 1907, which relates to the installation of telephones in railway stations, is capable of abuse under its present construction. Any person, be he a citizen of Wisconsin or of some other state or foreign country, whether he is interested in that particular station or telephone or in other people residing in that community or not, can formally set into operation the official machinery which will result in the installation of a telephone, irrespective of the merits of the

proposition. This is an injustice which we do not believe the legislature intended, and we respectfully suggest that the wording of this law be reconsidered. Some of these features of the law were discussed in the opinion and order of the Commission in the case of the *Peoples Telephone Company vs. Eastern Ry. Co. of Minnesota and Great Northern Ry. Co.*

ADVANCES IN RAILWAY RATES.

From time to time changes have been made in the freight classifications and the rules and regulations governing classifications and rates, which directly or indirectly result in an advance in the rates charged to the shipper. Since under the Railway Law the companies establish rates and classifications in the first instance, the Commission cannot assume jurisdiction and hear complaints before such modified rules, regulations or classifications affecting an advance in rates have actually gone into effect. The suggestion of requiring application on the part of railway companies to the public administrative body before a proposed advance in rates can take effect, has been considered by the interstate commerce commission as well as by some of the state commissions. The merits of such a plan deserve careful consideration. It is clearly complicated with grave objections. We have serious doubts regarding its feasibility or practicability. It is possible that an increase in the length of time from ten to thirty days, before a proposed advance in rates or a change in classifications, rules and regulations resulting in an advance in rates can take effect, may meet the situation fairly well. At the present time every change in rates requires ten days' notice, unless authorized otherwise. This appears to be ample notice for reduction, but it is probable that thirty days' notice for advances in rates is not too long, unless a shorter time is expressly authorized by the Commission

PART II.

Formal Complaints Involving Common Carriers.

No. 171.

JOHN BIRKETT

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Sept. 10, 1907. Decided Oct. 14, 1908.

Petitioner in his own behalf.

S. A. Lynde for respondent.

Complaint against the Chicago & North Western Railway Co. alleging lack of passenger service at Hazel Green.

Held: That the train service at Hazel Green at the time the complaint was filed was inadequate and that in the future the respondent company operate its switch train with passenger coach, providing full passenger service between Kennedy Mine Switch and Hazel Green, on regular schedule, making two round trips daily, except Sunday, connecting with through trains on respondent's main line.

No. 172.

DAVIS BROTHERS STONE CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner deals in crushed stone at Lannon, and on July 5, 1907, filed a complaint alleging that the increase in rates on crushed stone, from Lannon to Milwaukee and other points taking Milwaukee rates, from 1½ cts. to 2 cts. per cwt., rendered its business unprofitable. The usual notice of investigation issued and the case was set for Sept. 10, 1907.

Prior to the date of hearing the complaint was withdrawn without explanation.

No. 173.

TWO RIVERS WOODEN WARE CO.

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.,
CHICAGO & NORTH WESTERN RY. CO.

The petitioner is engaged in the manufacture of wooden ware at Two Rivers, and on July 3, 1907, filed a complaint alleging that the rates on logs from Cavour to Two Rivers were excessive and discriminatory in comparison with rates in force for equal distances on the lines of the respondents. The case was set for hearing for Sept. 10, 1907. On Sept. 5 the complaint was withdrawn, the petitioner stating that the matter had been arranged to its satisfaction.

No. 174.

OCONTO BUSINESS MEN'S ASS'N

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is an association organized to promote the business interests of the city of Oconto. On July 8, 1907, through its officers, the petitioner filed a complaint alleging that the respondent refused to allow the cars of the Chicago, Milwaukee & St. Paul Ry. Co. to be placed on its switch tracks, thereby putting the business interests of the city to the expense of paying drayage to the amount of several thousand dollars per year. The prayer was, that switching arrangements be ordered, whereby the respondent would switch cars from a common track to its switching track for a switching charge of two dollars. After a hearing on Sept. 10, 1907, the parties in interest entered into a reciprocal switching arrangement, whereby cars would be switched to individual switch tracks on payment of a switching fee of two dollars, being the usual switching arrangement in force in other cities in the state, the case being thus settled to the satisfaction of the petitioner.

No. 175.

JOHN WINKLER

VS.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner operates a creamery at Merton, Waukesha county, Wis., and on July 12, 1907, filed a complaint alleging excessive rates on cream from North Lake to Merton. A hearing was held on Sept. 10, 1907. Subsequent to such hearing, the Commission entered into an investigation, on its own motion, of the rates on milk and cream on various railroads of the state. This case was taken up and disposed of in connection with such investigation. See No. 211.

No. 176.

TOGSTAD & SON

VS.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioners are manufacturers and dealers in cement blocks at Madison and use large quantities of sand and gravel, and on July 15, 1907, filed a complaint alleging excessive, unreasonable and discriminatory rates on sand and gravel between Janesville and Madison. By way of answer the respondent agreed to put into effect a lower rate, which was satisfactory to the petitioners and the complaint was withdrawn.

No. 177.

NORTHERN HARDWOOD LUMBER CO.

VS.

NORTHERN PACIFIC RY. CO.

Submitted Sept. 13, 1907. Decided Sept. 24, 1907.

George B. Hudnall for petitioner.
Louis Hanlitch for respondent.

Complaint against Northern Pacific Ry. Co. for its refusal to construct and connect with a spur track at a point on its line between Wiehe and Maple.

Held: That the testimony in this case reveals a lack of proper co-operation between the traffic and operating depart-

ments of railway companies, which should be remedied; that the spur track in question is practically indispensable to the successful operation of the mill of the petitioner; that the point at which connection is desired to be made is not unusually unsafe and dangerous; and that therefore the respondent railway company should construct the said spur.

No. 178.

A. RICE

VS.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is a dealer in junk at Lake Mills, and on July 17, 1907, filed a complaint with the Commission alleging excessive and discriminatory rates on junk from Lake Mills to Milwaukee; that the respondent does not maintain sufficient side track facilities at its Lake Mills station; that switching is carried on on the side tracks to such an extent as to retard the loading and unloading of cars and so compels the payment of demurrage charges under the rules of the Wisconsin Car Service Association. The petitioner did not appear at the hearing on Sept. 10, 1907, and no further communication was received from him.

No. 179.

INDEPENDENT ICE CO.

VS.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner has its principal office at Milwaukee and its ice house at Clear Lake, near the station of Random Lake. On July 25, 1907, it filed a complaint alleging that in the month of July, 1906, it entered into a contract with the respondent for the construction of a side track from the respondent's line to the ice house of the petitioner, a distance of four hundred feet; that under the terms of such contract the petitioner performed certain work; that the respondent refused to fulfill said contract; that such sidetrack was indispensable to the successful operation of the ice house, and its construction did not present any unusual engineering difficulties. The answer of the respondent denied the making of such contract and alleged that the side track could not be constructed without causing danger to the operation of trains. The hearing was held on Sept. 11, 1907, Otto Sauer appearing for the petitioner,

and William Ellis for the respondent. Considerable testimony was taken. Later in the month the chief engineer of the Commission made an examination of the location of the proposed spur track and reported that the construction of same would be contrary to good practice, would be dangerous in operation and increase, to a considerable extent, the danger of operating trains on the main line. Owing to the death of Mr. Sauer, the petitioner requested that the case be indefinitely postponed.

No. 180.

G. H. RUMRILL

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is a dealer in leaf tobacco, resides at Janesville and has a warehouse at Evansville. On July 27, 1907, he filed a complaint alleging that the respondent refused to check his trunk of tobacco samples between Evansville and Janesville, on the ground that such samples do not constitute baggage, but merchandise, and the complaint alleged that such refusal amounted to a discrimination against the petitioner. At the hearing on Sept. 10, 1907, the petitioner was represented by M. O. Mouat and the respondent by S. A. Lynde. The hearing was continued to the October term, pending negotiations for settlement, and the case was settled by the respondent agreeing to check such sample trunk as baggage.

No. 181.

PAUL F. HUNTER

vs.

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

The petitioner, a resident of Appleton, filed a complaint on Aug. 2, 1907, against the above named respondent, alleging that the respondent operates a local street railway system in the city of Appleton and an interurban railway from Neenah via Menasha, Brighton Beach and Waverly Beach to Appleton, and thence via Little Chute to Kaukauna; that the rates charged from points within the city of Appleton to Waverly Beach and Brighton Beach are unreasonable, exorbitant and

discriminatory. The case was set for hearing for Sept. 10, 1907. The hearing was continued from time to time by stipulation of the parties, and on June 23, 1908, a stipulation was filed withdrawing the petition.

No. 182.

J. H. DELBRIDGE

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Sept. 11, 1907. Decided Sept. 20, 1907.

Petitioner in his own behalf.
William Ellis for respondent.

Complaint against Chicago, Milwaukee & St. Paul Ry. Co. for failure to stop its passenger train No. 2 at Stiles, Wis.

Held: That it would not be in the interest of the traveling public to compel the stopping of this train at Stiles. Complaint dismissed.

No. 183.

A. E. WINTER, MITCHELL JOANNES AND F. A. HOLMAN, COMMITTEE,

vs.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The above named petitioners, as representatives of the jobbers and manufacturers of Green Bay, filed a complaint on Aug. 8, 1907, alleging that the freight rates charged by the respondents from Green Bay to Manitowoc, Two Rivers and Plymouth were excessive and discriminatory, as compared with the rates in effect from Milwaukee to the same points. The hearing was set for Sept. 10, 1907, and was continued from time to time at the request of the interested parties. On Oct. 10, 1907, the Commission was notified by the petitioners that the rates complained of had been adjusted to their satisfaction, and therefore their complaint would be withdrawn.

No. 184.

A. E. WINTER, MITCHELL JOANNES AND F. A. HOLMAN, COM-
MITTEE,

vs.

KEWAUNEE, GREEN BAY & WESTERN R. R. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO & NORTH WESTERN RY. Co.

The above named petitioners, as representatives of the jobbers and manufacturers of Green Bay, filed a petition on Sept. 23, 1907, alleging that the city of Green Bay is a port of entry and is entered by the lines of the above named respondents; that the jobbers and manufacturers of said city receive large amounts of freight from eastern trunk line territory; that the 100 per cent freight rate basis from said territory applies to various points along Lake Michigan from Chicago, Ill., to Manistique, Mich., and various points within the state, and does not apply to the city of Green Bay; that said basis applied to said city from Oct. 21, 1897, to April 1, 1902; that, by reason of the withdrawal of said 100 per cent basis, the petitioners are obliged to pay additional freight rates, the payment of which is unreasonable and unjustly discriminatory. The prayer is, that the city of Green Bay be again included in the 100 per cent territory. As interstate rates were involved, over which this Commission has no jurisdiction, it was suggested to the petitioners that the case be presented directly to the interstate commerce commission, and that this Commission would render the petitioners all assistance possible. This was done and the case is pending.

No. 185.

FRED C. LIENEMANN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

Submitted Sept. 24, 1907. Decided Nov. 9, 1907.

Otto Dörner for petitioner.

William Ellis for respondent.

Complaint alleging inadequate station facilities at Okauchee station on the Chicago, Milwaukee & St. Paul Ry.

Held: That the present station facilities at Okauchee are in
7—R. R.

adequate, and that the respondent railway company shall provide a reasonably adequate station at that place and open the same for public traffic not later than July 1, 1908.

No. 186.

JOHN B. GRUBER & Co.

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.

The petitioners, dealers in general merchandise at Catawba, Wis., filed a complaint with the Commission on Aug. 8, 1907, alleging that the respondent discriminated against the village of Catawba by omitting the name of such village from certain maps and time tables, and that such omission worked an injury to the business interests of the village. The hearing was held on Sept. 10, 1907. The petitioner appeared in his own behalf, and A. H. Bright appeared for the respondent. At the hearing the attorney for the respondent agreed to see that the name of the village was placed on the maps and time tables in question, such maps and time cards being condensed time cards, relating to through transportation and showing connections with other railroads. The general passenger department of the respondent did not deem it feasible to include small stations in such time cards and adopted the rule of excluding from such time cards the names of all stations at which the limited trains do not stop, thus doing away with the discrimination alleged in the complaint.

No. 187.

WILLIAM H. PRISK

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

ILLINOIS CENTRAL R. R. Co.

The petitioner, as chairman of the town of Mount Pleasant, Green county, Wisconsin, filed a complaint on Aug. 2, 1907, that a grade highway crossing of the lines of the above named respondents, near the village of Monticello in said town, known as the Woolen Mills Crossing, is unsafe and dangerous, owing to the tracks running through cuts and being lower than the highway, and the earth being piled up in such a way

as to make it extremely difficult to see approaching trains; that an electric warning signal had been installed, but on account of the noise made by loaded wagons over the stony ground such warning proved inadequate, and praying that the respondents be ordered to remove the obstruction which prevented travelers from seeing approaching trains, and maintain a flagman at such crossing. The case was set for hearing for Sept. 10, 1907, and at request of parties was continued from time to time pending settlement. It was practically agreed between the parties, that the best solution of the situation would be the erection of an overhead highway crossing. The town authorities raised \$1,000 toward the cost of construction, and the Illinois Central R. R. Co. agreed to pay its proportion of the expense, but the Chicago, Milwaukee & St. Paul Ry. Co. refused to join with the other parties, owing to the great expense. The Commission exhausted its powers in attempting a settlement, and the case is closed so far as the Commission is concerned.

No. 188.

H. J. MACK

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner, a resident of Hackley, filed a complaint on Aug. 15, 1907, alleging that the depot building at Hackley was kept locked most of the time, causing annoyance to freight and passenger patrons of the respondent. The hearing was set for Sept. 10, 1907; it was continued, pending settlement, and again fixed for March 11, 1908. At this hearing B. Corneau appeared for the respondent. The petitioner did not appear. The testimony of the superintendent of the Ashland division was taken. Negotiations were carried on for some time, and the respondent finally placed an agent in charge of the station.

No. 189.

VALVOLINE OIL COMPANY

vs.

CHICAGO & NORTH WESTERN RY. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

ILLINOIS CENTRAL R. R. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.

WISCONSIN CENTRAL RY. Co.

Submitted November 9, 1907. Decided January 20, 1908.

H. L. Potter for petitioner.

F. P. Eyman and H. C. Cheney for C. & N. W. Ry. Co.; William Ellis for C., M. & St. P. Ry. Co.; Jones & Schubring for I. C. R. R. Co.; E. B. Ober for C., St. P., M. & O. Ry. Co.; E. G. Clark for W. C. Ry. Co.

Complaint alleges that the petitioner operates a large storage tank station at Madison, from which it ships oil in barrel lots to its customers; that the refusal of the respondents to allow the stoppage of cars of oil in transit operates to greatly curtail and limit its business; that the withholding of such transit privilege is solely for the benefit of the Standard Oil Co., a competitor of the petitioner.

Held: (1) That existing conditions tend to prohibit the increase of the volume of the business or the extension of the trade of the petitioner.

(2) That special transit privileges that are "open to all shippers for a like kind of traffic under similar circumstances and conditions" are not in violation of the statute.

(3) That full power has been granted by the statute to regulate stoppage in transit.

(4) That a service which does not admit of the transportation of certain articles of commerce in general use, upon terms which would enable the shipper to sell in competition with others, who by means of their great capital are able to supply their own facilities for reaching the markets, or for other reasons make no use of the equipment of the railways for such purpose, is not reasonably adequate within the meaning of the statute.

(5) That the legislature has granted the Commission full power to regulate service in order to prevent the possibility of monopoly on account of rules governing such service.

(6) That an adequate service in the transportation of barreled oil requires that the privilege of stoppage in transit be granted for a reasonable compensation.

(7) That a stoppage in transit privilege be granted as herein ordered.

On application of the respondents, the time in which the order in this case should become operative was extended from time to time, pending hearings in cases involving stoppage in transit privileges, and on June 4, 1908, an order for a rehearing was entered; such rehearing was held on June 19, and the case is pending before the Commission.

No. 190.

CHAMBER OF COMMERCE OF THE CITY OF MILWAUKEE

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO & NORTH WESTERN RY. Co.

WISCONSIN CENTRAL RY. Co.

The petitioner, through its committee on transportation, filed a complaint on Aug. 20, 1907, alleging that the respondents had in effect at Milwaukee the following rule relating to the disposition of grain: "On all grain subject to state or board of trade inspection, received on or before 8 a. m., disposition shall be given by 6 p. m. of same day, provided inspection has been made." The prayer was, that the respondents be ordered to put into effect the Chicago rule, as follows: "Cars containing grain in bulk which are inspected by state officials will be allowed forty-eight hours (two days) full time for disposition from first 7 o'clock a. m. after inspection, which will be considered a notice to consignor of arrival." A hearing was held on Oct. 15, 1907. George A. Schroeder appeared for the petitioner, William Ellis for the C., M. & St. P. Ry. Co., and Thos. H. Gill for the W. C. Ry. Co. Following the hearing negotiations were carried on, which resulted in the respondents putting the Chicago rule in effect in Milwaukee, as prayed by the petitioner.

No. 191.

PULP AND PAPER MANUFACTURERS OF WISCONSIN

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petition in this case was filed on Aug. 19, 1907, and alleged that the respondent charged for the transportation of logs, bolts and other forest products entering into the manufacture of pulp and paper, higher rates of freight than were charged for similar services and equal distances on the same kind of raw materials when transported for the purpose of being manufactured into lumber and similar articles; that the rates so charged were unjust and discriminatory. Subsequent to the filing of the complaint, the Commission, on its own motion, made an investigation of pulp wood rates charged by all the leading railroads of the state. This complaint was disposed of in connection with such investigation. See No. 212.

No. 192.

H. NEUMEISTER, MAYOR,

vs.

WISCONSIN CENTRAL RY. Co.

On Aug. 22, 1907, the petitioner, as mayor of the city of Colby, filed a petition alleging that the stock yards of the respondent in the city of Colby are partly located on land belonging to the city; that the city had often requested the respondent to remove its yards from such land, but that it had refused to do so; that such yards are inadequate for the proper handling of the stock shipped from said point and are not properly maintained, and praying that the yards be removed from the land owned by the city and that new and adequate yards be built, provided with the facilities for the handling and the protection of the stock. The petitioner was present at the hearing on Oct. 15, 1907, and the respondent was represented by Thos. H. Gill. Following the hearing negotiations were carried on, which resulted in the respondent satisfying the complaint of the petitioner.

No. 193.

E. B. HOMSTAD

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

Petitioner in his own behalf.
William Ellis for respondent.

Petition requesting the construction of a side track at Newry for shipping live stock and farm produce.

Held: That in a densely populated farming section like that under consideration, and in view of the considerable distances to stations on either side of the village at which a side track is desired, it is just and reasonable that the railway company should construct such side track; and

Held further: That the testimony shows the desirability of constructing a station at Newry, which is recommended.

No. 194.

In re INVESTIGATION ON MOTION OF THE COMMISSION OF MINIMUM CHARGES ON PACKAGE FREIGHT.

Submitted Sept. 25, 1907. Decided Sept. 26, 1907.

F. W. MacKenzie for Merchants & Manufacturers Association of Milwaukee.

A. Hirsheimer, Carl Kurtenacker, for merchants and manufacturers of La Crosse.

William Ellis and E. C. Nettels for C., M. & St. P. Ry. Co.; H. C. Cheyney for C. & N. W. Ry. Co.; F. G. Clark for W. C. Ry. Co.

Investigation of increase of minimum charge on package freight from 25 cts. to 40 cts.

Held: That the present acute situation demands a tentative order; that the minimum charge of 40 cts. on package freight now in effect on shipments between points in Wisconsin is excessive; that the former charge of 25 cts. be restored for all shipments between points in Wisconsin on the same line of railway; that on shipments involving more than one line the minimum charge shall be 40 cts.

No. 195.

WILLIAM SMITH ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioners, residents of the village of Union Grove, filed a complaint on Aug. 29, 1907, alleging that the stock yards of the respondent at Union Grove are located in the center of the village; that such yards are a nuisance, are continually in an unsanitary and unclean condition and are a source of great annoyance to the residents of the village and a menace to the health of the community. The case was set for hearing for Oct. 15, 1907. At the request of the respondent the hearing was postponed, and the yards were later removed and rebuilt on a new location, and in this manner the complaint was satisfied.

No. 196.

JOHN CAMPBELL

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

Petitioner in his own behalf.

P. J. O'Brien for respondent.

Petition alleging that a crossing at grade in the town of Bringham, Iowa county, is unsafe and impassable for loaded teams.

Held: That the report of the engineer of the Commission, together with the testimony, established the necessity for relief and it is ordered that the railway company construct a subway in co-operation with the town authorities.

No. 197.

OSHKOSH LOGGING TOOL CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 16, 1907. Decided Nov. 26, 1907.

R. L. Varney for petitioner.

S. A. Lynde for respondent.

Complaint alleging exorbitant and unreasonable freight charges on shipments of logs from Mountain and other places

in Wisconsin, to Oshkosh, and praying for relief as provided by sec. 8, ch. 582, Laws of 1907, said shipments having been made for the most part prior to the time when said law became effective, and the respondent having put in effect prior to the filing of the complaint a lower schedule of rates which is acceptable to the petitioner.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the right of action existing at common law for recovery of exorbitant charges has been superseded by the statute; that the charges collected were in accordance with the printed schedule in force and were legal; that the changing of a rate by the Commission for the reason that the same is found to be unjust and unreasonable, does not render such rate unjust and unreasonable *ab initio*; that all schedules of rates printed and filed as required by law are legal and binding upon both shipper and carrier; that as to the part of the complaint relating to shipments made since said law became effective the testimony does not warrant the granting of any affirmative relief. Complaint dismissed.

No. 198.

FRANK WALLEN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a dealer in crushed stone at Lannon, filed a complaint on Sept. 12, 1907, alleging that the rates on crushed stone between Lannon and Milwaukee, and Lannon and various near points were excessive and discriminatory. By special arrangement the case was set for hearing for Sept. 24. At the request of the parties interested and to allow a settlement of the controversy, the hearing was continued from time to time, and the case was finally dropped by the petitioner. The petitioner later complained of a shortage of cars, which matter was adjusted to his satisfaction.

No. 199.

WILLIAM E. PICKERING

vs.

NORTHERN PACIFIC RY. CO.

The petitioner, a resident of Superior, filed a complaint on Sept. 12, 1907, alleging that the passenger depot of the respondent at the corner of West Fifth street and Newton

avenue, in the city of Superior, was an old building and in poor condition and totally inadequate for the accommodation of the public. The respondent answered that it was its intention to build a new depot at this point; that, owing to the amount of construction work in hand and the lateness of the season, it would be impossible to build before the following spring. A stipulation was entered into, under which the case was continued to June 1, 1908, and the respondent was to make some immediate improvements in the present building and commence the construction of the new depot on or before May 1, 1908. The terms of the stipulation were carried out to the satisfaction of the petitioner.

No. 200.

J. A. SCHWARTZ & SON

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

Submitted Oct. 16, 1907. Decided Oct. 28, 1907.

J. A. Schwartz for petitioner.

William Ellis for respondent.

Complaint alleging excessive and discriminatory rate on coal to Troy Center as compared with the rate to Beulah on the Wisconsin Central.

Held: That the rate situation in the territory under consideration is peculiar and difficult, because of the effect of the long and short haul provision of the federal law on the Wisconsin Central traffic; that an appreciable change in the rates of this section would automatically necessitate a change in the rates throughout the state and beyond; that the rate complained of is unjustly discriminatory, but that no opinion is expressed regarding its absolute unreasonableness; and that a slight readjustment should be made removing the unjust discrimination.

No. 201.

In re APPLICATION OF CHICAGO, MILWAUKEE & ST. PAUL RY. CO.
CHICAGO, BURLINGTON & QUINCY R. R. Co.
CHICAGO & NORTH WESTERN RY. Co.
WISCONSIN CENTRAL RY. Co.
MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.
CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.
GREEN BAY & WESTERN R. R. Co.
AHNAPEE & WESTERN RY. Co.
IOLA & NORTHERN R. R. Co.
KEWAUNEE, GREEN BAY & WESTERN R. R. Co.
NORTHERN PACIFIC RY. Co.

Applications were severally filed by the above named railway companies asking that they be exempt from having to file with the Commission statements of trip passes issued to persons regularly and exclusively in their employ. Under the provisions of sec. 7, ch. 582, Laws of 1907, the Commission, in its discretion, may grant such requests. This section also provides that the railway companies shall preserve a record of all such passes for a period of two years after issuance thereof. The applications were granted.

No. 202.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RULES, REGULATIONS AND METHODS OF WEIGHING CARLOAD FREIGHT.

The Commission, on its own motion, instituted an investigation as to the rules and regulations enforced by the railroad companies of the state relating to the weighing of freight shipped in carload lots between points on the lines within the state. Notice of hearing was sent to all the railroads of the state, and the hearing was held on Nov. 5, 1907. At this hearing the principal railroads were represented and considerable testimony was taken. Further investigations were undertaken and are being carried on, and the matter is still pending before the Commission.

No. 203.

DELLS PAPER & PULP Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

Submitted Oct. 17, 1907. Decided Nov. 27, 1907.

No appearance for petitioner.

E. B. Ober for respondent.

Complaint alleging excessive and unreasonable rates on shipments of pulp wood from Ashland to Eau Claire on July 8 and 11, 1907, a lower rate going into effect on July 12, 1907, and a competitor having in effect such lower rate.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the testimony shows that the rate of 6.5 cts. per cwt., collected, was relatively unusual, and that a rate of 3.75 cts. per cwt. would have been a reasonable charge for the service.

No. 204.

CITY OF SUPERIOR

vs.

NORTHERN PACIFIC RY. Co.

Submitted Oct. 15, 1907. Decided Nov. 27, 1907.

Submitted on depositions and briefs.

- Complaint alleging excessive and exorbitant charges on shipment of part of a carload of old lumber.

Held: That sec. 8, ch. 582, Laws of 1907, is not retroactive; that the rate charged was the legally authorized rate in effect covering the shipment made. Complaint dismissed.

No. 205.

HERMAN L. EKERN

vs.

GREEN BAY & WESTERN R. R. Co.

The petitioner, a resident of the village of Whitehall, filed a complaint on Sept. 24, 1907, alleging that the respondent operated its passenger trains through the village of Whitehall in such manner that residents of the village were unable to make important railroad connections at junction points,

thereby causing great and unnecessary inconvenience to such residents and patrons of the respondent. A hearing was held on Nov. 19, 1907. The petitioner appeared in person and the respondent was represented by J. C. Gaveney. On the date of the hearing a second petition was filed by Highbee & Highbee of La Crosse, in which a number of merchants of La Crosse joined with the above petitioner in substantially the same complaint. At the request of the petitioners, further hearing was continued from time to time and the matter is still pending before the Commission.

No. 206.

JOHN A. SALZER SEED CO.

vs.

ADAMS EXPRESS CO.

The petitioner, a dealer in seeds at La Crosse, filed a petition on Sept. 25, 1907, alleging that the respondent unlawfully discriminated against the petitioner, in that it obliged the petitioner to prepay all express matter, while other business houses were allowed to ship on a guarantee of charges. The respondent satisfied the complaint by ordering that its local agent accept express from the petitioner on its guaranteeing the charges.

No. 207.

JOHN P. ANNEN ET AL.

vs.

GREEN BAY & WESTERN R. R. CO.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Five merchants and manufacturers of the city of Green Bay filed on Sept. 26, 1907, three separate petitions against the above named respondents, alleging that various designated railroad crossings in the city of Green Bay were unsafe and dangerous to travelers. The hearings were held jointly on Nov. 12, 1907. T. P. Silverwood appeared for the petitioners and the city of Green Bay, and William Ellis for the respondents. Following the hearings, the chief engineer of the Commission inspected the crossings in question and recommended that gates be established at two, and that the flagmen be re-

tained at three. The matter of the proper protection of the crossings was taken up later by the common council of the city, as under the provisions of the statute the petitions in these cases were not filed in such manner as to give the Commission jurisdiction.

No. 208.

STEVEN & JARVIS LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Submitted Nov. 12, 1907. Decided Nov. 29, 1907.

No appearance for petitioner.

E. B. Ober for respondent.

Complaint alleging excessive and exorbitant charges on shipments of three cars of lumber from Beldenville to Eau Claire, the respondent putting in effect, subsequent to shipment, an acceptable rate.

Held: That the testimony shows that the charge of 11.5 cts. per cwt. made, would yield an excessive return; that a reasonable rate would have been 8 cts. per cwt.; that a refund be made of \$32.57.

No. 209.

RESIDENTS OF BLOOMER

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioners, residents of the village of Bloomer, filed a complaint on Sept. 23, 1907, alleging that the Bloomer Telephone Co. furnished the respondent at its Bloomer station with telephone service free of charge; that by reason of the Public Utilities Law the telephone company was obliged to withdraw such free service; that in that case the telephone service could not be had with the railroad, which would result in great hardships and inconvenience to the petitioners and other residents of the village. The usual notice of investigation issued. The respondent satisfied the complaint by installing adequate telephone service.

No. 210.

RESIDENTS OF NEW AUBURN

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioners, residents of the village of New Auburn, filed a complaint on Sept. 23, 1907, similar to that filed by the residents of Bloomer, and the case was disposed of in the same manner as No. 209.

No. 211.

In re INVESTIGATION BY THE COMMISSION, ON ITS OWN MOTION,
OF THE RATES CHARGED FOR THE TRANSPORTATION OF MILK
AND CREAM BY THE

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

WISCONSIN CENTRAL RY. CO.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

ILLINOIS CENTRAL R. R. CO.

FRANK SHULTIS ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

JOHN WINKLER

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted Nov. 5, 1907. Decided June 4, 1908.

Henry Lockney, R. Alnsworth, John Barnes, for petitioners.

William Ellis for C., M. & St. P. Ry. Co.

S. A. Lynde for C. & N. W. Ry. Co.

E. B. Ober for C., St. P., M. & O. Ry. Co.

E. C. Clark for W. C. Ry. Co.

Jones & Schubring for I. C. R. R. Co.

Complaints filed alleging excessive rates on milk and cream, and investigation of such rates on motion of the Commission.

Held: 1. That with reference to the petition of Frank Shultis et al., and of John Winkler, it was found that in the former case the rates charged by the respondent for the transportation of milk, and that in the latter case the rates charged by the respondent for the transportation of cream, when the differences in the conditions of shipment or in the kind of service rendered by the respondent in connection with such transportation are

taken into consideration, are higher than the rates charged for the transportation of other similar commodities for substantially like services; that they are also somewhat higher than appear to be warranted by the cost of performing these services, and by other commercial conditions; and that the petitioners are therefore entitled to some relief in the way of reduction of the rates complained of.

2. That under the present adjustment of the rates on cream and butter, the cost of transportation is relatively much greater for the butter shipped in the form of cream than for the butter which is shipped as butter; and that the reason for this is found in the fact that the proportion of "dead" weight is much greater in the former case than in the latter.

3. That it is not always possible to so adjust the rates of transportation as to effectively regulate business practices, even if these practices are of such character as to create unfair competition and as to have an undesirable effect upon the wholesomeness of the products.

4. That the value of the products is one of the elements which should be considered in fixing the rates of transportation; and that since cream is worth a great deal more than milk, it should be charged higher rates.

5. That the kind or class of service that is furnished by the carriers may also be a factor that should be taken into account in the adjustment of rates; and that as passenger train or express service is more speedy, more prompt, and of a higher grade generally than freight service, it may also justify higher rates of transportation.

6. That the rates of transportation of milk and cream recommended by us in the case should be substituted within this state for the rates on these commodities which are now in effect.

No. 212.

In re INVESTIGATION BY THE COMMISSION, ON ITS OWN MOTION,
OF THE RATES ON WOOD ON THE
CHICAGO & NORTH WESTERN RY. CO.
CHICAGO, MILWAUKEE & ST. PAUL RY. CO.
CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.
DULUTH, SOUTH SHORE & ATLANTIC RY. CO.
MARINETTE, TOMAHAWK & WESTERN R. R. CO.
MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.
NORTHERN PACIFIC RY. CO.
WISCONSIN CENTRAL RY. CO.
GREEN BAY & WESTERN R. R. CO.

PULP AND PAPER MANUFACTURERS OF WISCONSIN

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Oct. 19, 1907. Decided Jan. 9, 1908.

B. R. Goggins for Pulp & Paper Manufacturers of Wisconsin.
John Barnes for Rhinelander Paper Co.
B. Corneau, H. C. Cheyney and F. P. Eyman for C. & N. W. Ry. Co.
William Ellis, J. H. Hiland, W. E. Tyler and E. C. Nettles for C.
M. & St. P. Ry. Co.
E. B. Ober for C., St. P., M. & O. Ry. Co.
Thos. H. Gill and E. C. Clark for W. C. Ry. Co.
John Van Hecke and W. R. McCaul for lumber interests.

It is in substance alleged in the complaint that the rates charged for the transportation of logs, bolts and other forest products are higher when these raw materials are intended for the manufacture of pulp and paper than when they are manufactured into lumber and similar articles; and that this difference in the rates constitutes an unjust discrimination against the pulp and paper industry. From a preliminary investigation this Commission became satisfied that sufficient grounds existed for holding a hearing in the matter for the purpose of determining whether the rates charged for the transportation of the commodities mentioned, when entering into pulp and paper, were discriminatory and unreasonable. Upon the hearing held in this case and upon further investigation it was found:

That the rates on logs, bolts and other forest products are considerably higher when going into pulp and paper mills than when going into saw mills and other manufacturing establishments;

That the volume of the traffic was greater for the lumber industry than for the pulp and paper industry.

That in the case of pulp wood the loading per car and the empty car mileage are relatively smaller than is the case for saw logs. Pulp wood is also, on the whole, of lower value than saw logs and often of greater cost of production;

That the weight of the paper amounts to about 35 per cent of the weight of the pulp wood which enters into it, and that this is also about the relation which obtains between the weight of the lumber and that of the logs from which it is produced;

That the traffic furnished to the carrier chiefly consists of

the logs in to the mills and the lumber out from the mills in the lumber industry, while in the paper industry it consists of the pulp wood in and the paper out, together with large quantities of coal and other material, including pulp between the various mills;

That, while there is no direct competition between the products in the two industries, or between paper and lumber, there appears to be some competition between them in the purchase of the raw material which enters into these products;

That the fixed charges are relatively greater in the paper than in the lumber industry, and that these facts may be considered important in the financial result of the operation of the two industries;

That the purpose for which the commodities are intended, and that stoppage in transit privileges may be considered in fixing rates, when in line with public policy and when it can be done without any unjust discrimination or prejudice;

That there does not appear to be any active competition in the transportation of saw logs that does not with equal force also apply to the transportation of pulp wood;

That the rates on the raw material mentioned, as given in the tariffs, do not alone disclose the real situation, for the reason that the raw material going to the saw mills is shipped under so-called milling in transit privileges, where the lower rates in to the mills are supposed to be offset by higher rates on the manufactured product out; that in order to determine the true difference between the rates in the two industries it is necessary to compare the rates of both the raw material in to the mills and of the products obtained from this material when shipped out from the mills; that in making these comparisons it is also necessary to take into consideration the respective values of the products in the two cases; that when the rates on the freight, both in and out, together with the value of the products, are taken into account, the comparisons show that the cost of transportation to the shippers, is, on the whole, considerably greater in the paper than in the lumber industry; and that the difference in the cost, if applied to pulp wood alone, would result in a considerable reduction in the rates on this wood;

That the rates on pulp wood to paper producing points in other states, which were presented at the hearing, are, on the

whole, considerably lower than the rates on pulp wood to pulp and paper producing points in this state;

That the financial condition of the roads over which the greater proportion of the pulp wood in this state is transported is all that can be desired;

That calculations giving the approximate cost per unit of transportation to the carriers indicate that the rates now charged for the transportation of pulp wood are somewhat higher than they should be;

That pulp wood, or the raw material entering into pulp and paper, because of its low value, small risk of transportation, heavy loading, and for other reasons, is a commodity that should be transported at relatively low rates;

For these and other reasons it is

Held: That the rates now charged for the transportation of pulp wood in this state are discriminatory and unreasonably high, and that they should be reduced as provided by the order in this case.

No. 213.

D. E. FROST

vs.

WISCONSIN CENTRAL RY. CO.

Submitted Nov. 12, 1907. Decided Nov. 20, 1907.

Park & Carpenter, McFarland & Murat, for petitioner.
D. W. McNamara for Montello.
Thos. H. Gill for respondent.

Petition requesting a change of the passenger train schedule on the Portage branch of the Wisconsin Central Ry.

Held: That a reasonable accommodation of the localities served directly and solely by the one passenger train in question must be regarded as the decisive factor in this case and that, therefore, the schedule which had been in existence for many years prior to the change about May 1, 1907, should be re-established. This is ordered.

No. 214.

S. P. CARLSON

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioner, a resident of Bennett, Wis., filed a complaint on Oct. 8, 1907, alleging that the rates charged by the respond-

ent for transporting cord wood from Bennett to Superior were excessive and discriminatory. This complaint was merged in the investigation of cord wood rates, entered into on motion of the Commission, and was disposed of in connection with No. 220.

No. 215.

C. C. BENNETT

vs.

AMERICAN EXPRESS CO.

The petitioner, as superintendent of public property of the state of Wisconsin, filed a complaint on Oct. 16, 1907, alleging that the rates charged by the respondent on books and printed matter between points in the state of Wisconsin were excessive and discriminatory as compared with rates charged on other commodities between like points. The hearing was held Dec. 10, 1907. The petitioner appeared in person and the respondent was represented by Robert E. M. Cowie. The matter is still pending before the Commission.

No. 216.

In re APPLICATION OF THE GREAT NORTHERN RY. CO.

Application made Oct. 17, 1907, asking that the company be exempt from reporting trip passes issued to employes. Application granted and order issued Oct. 22, 1907. See No. 201.

No. 217.

ROBERT ILIFF

vs.

GREEN BAY & WESTERN R. R. CO.

Submitted Nov. 19, 1907. Decided Nov. 25, 1907.

Petitioner in his own behalf.

F. B. Seymour for respondent.

Complaint alleging failure of the Green Bay and Western R. R. Co. to provide adequate facilities for the weighing of live stock at Alma Centre, Wis.

Held: That this petition does not involve the question of correct weights or of facilities for weighing freight within the

meaning of sec. 10, ch. 362, Laws of 1905, as amended; that, on the other hand, this petition has in view the weighing of live stock exclusively for the benefit of the buyer and seller in ascertaining the price to be paid for such live stock; that the determination of the selling price of live stock, before it is offered for shipment to the railway company, is purely a private transaction in which the railway company has no interest whatsoever; that no complaint is made to the effect that the railway company fails to provide adequate facilities for determining weights upon which to base freight charges. Petition is dismissed.

No. 218.

FOND DU LAC TABLE MANUFACTURING CO.

VS.

CHICAGO & NORTH WESTERN RY. CO.

WISCONSIN CENTRAL RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner is engaged in the manufacture of tables at Fond du Lac. On Oct. 28, 1907, it filed a complaint with the Commission alleging that the rates on soft coal, charged by the respondents from lake points such as Manitowoc, Green Bay, Sheboygan and Milwaukee, were excessive and discriminatory. The matter was set for hearing and continued from time to time, and the complaint was finally abandoned by the petitioner.

No. 219.

CITY OF SHEBOYGAN

VS.

SHEBOYGAN LIGHT, POWER & RY. CO.

Submitted Dec. 10, 1907. Decided Jan. 24, 1908.

No appearance for petitioner.
Ernest Gonzenbach for respondent.

Complaint filed by a committee of the common council of the city of Sheboygan, alleging that the respondent failed to furnish adequate service and facilities.

Held: That under the provisions of sec. 12, ch. 362, Laws of 1905, no jurisdiction was conferred on the Commission by the filing of a complaint signed by a committee of the common council, said common council not having authorized such filing. Complaint dismissed without prejudice.

No. 220.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE
RATES ON CORD WOOD FROM BENNETT TO SUPERIOR

On complaint being filed by S. P. Carlson, relating to the rates on cord wood from Bennett to Superior, the Commission instituted an investigation on its own motion, and on Nov. 1, 1907, issued a notice of hearing. The hearing was held on Nov. 12, 1907, the Chicago, St. Paul, Minneapolis & Omaha Ry. Co. being represented by E. B. Ober, its special freight agent. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 221.

BEN C. COVER

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner, a resident of Madison, filed a complaint on Dec. 13, 1907, alleging that in September preceding he shipped a crated automobile from Ashland to Madison; that the agent of the respondent at Ashland informed the petitioner that the charges on same would be \$10.73; that the agent of the respondent at Madison demanded and collected from the petitioner the sum of \$32.50, on the grounds that the automobile was not crated in a manner to comply with the rules and regulations of the respondent, and that therefore the rates for crated articles would not apply and the legal rate was the rate on uncrated articles, which was demanded. The petitioner contended that such ruling was unreasonable and that he was entitled to a refund in the amount of the difference in the rates, or \$21.80. A hearing was held on Dec. 10, 1907. H. H. Morgan represented the petitioner and E. M. Hyzer the respondent. It was finally agreed between the attorneys in the case that the Commission had no jurisdiction over the controversy, and the proceedings before the Commission were abandoned.

No. 222.

JOHN KIRKPATRICK

vs.

WESTERN UNION TELEGRAPH CO.

The petitioner, a resident and dealer in cheese at Richland Center, filed a complaint on Nov. 9, 1907, alleging that telegrams from Plymouth, Sheboygan, Fond du Lac and other points, destined for Richland Center, were usually delayed for twenty-four hours, caused by the wire being open for several hours at a time, thereby preventing their use by the local operator; and that the wires are often in bad order, and that the service is generally unsatisfactory and inadequate. The hearing was held Dec. 10, 1907. The petitioner appeared in person and the respondent was represented by James Swan. Following the hearing the respondent erected an additional wire between Lone Rock and Richland Center, as prayed by the petitioner, and by means of which the residents of Richland Center would be given adequate telegraph service.

No. 223.

PULP WOOD CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Submitted Dec. 10, 1907. Decided Jan. 24, 1908.

W. S. Taylor for petitioner.

No appearance for respondent.

Complaint alleging unusual and exorbitant charges on shipments of pulp wood from Itasca to points in the Fox River valley.

Held: That from recent investigations of pulp wood rates made by the Commission, it appears that the rate exacted from the petitioner is unusual and exorbitant and that a refund be made in the amount herein named.

No. 224.

CITY OF ONALASKA

vs.

LA CROSSE & ONALASKA STREET RAILWAY CO.

The petitioner, through its mayor, filed a complaint on Nov. 15, 1907, alleging that the respondent did not maintain

a station or waiting room at the Onalaska terminus of its line, thereby causing unnecessary hardship to its patrons; that the charges of the respondent within the city of Onalaska and for transportation between Onalaska and La Crosse, are excessive and unreasonable. The hearing was held Dec. 10, 1907. Thomas Morris and Herman Rahn appeared for the petitioner, and B. E. Edwards and P. Vallier appeared for the respondent. Several other cases are pending before the Commission involving the questions of street car service and fares, and this case is being held open pending a complete investigation of the questions involved.

No. 225.

FAY L. CUSICK

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, a wholesale lumber and real estate dealer residing at West Allis, filed a complaint on Nov. 20, 1907, alleging that the earnings of the respondent are sufficient to allow the extension of the fare zone from points in the city of Milwaukee to the western limits of the city of West Allis. A great amount of work has been done on this case in connection with other cases involving the same respondent and relating to fares and service in and about the city of Milwaukee, and the whole matter is still pending before the Commission.

No. 226.

J. H. BOWKER

vs.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

A. F. MATTAUSCH, Intervener.

Submitted April 27, 1908. Decided June 6, 1908.

Petitioner and intervener appeared in person.

A. H. Bright and F. W. Curtis for respondent.

Petition praying that a station and side track facilities be established at Strickland, the facilities at present consisting of a loading track. Respondent prayed that it be permitted to consolidate the two stations of Lehigh and Strickland, and

construct a station one mile west of Strickland, Lehigh being 2.3 miles west of Strickland. The testimony shows that the amount of traffic from the two points is light and is not material in determining the case; that a station at Lehigh would best serve the largest number of residents.

Held: That the present conditions do not warrant the establishment of stations at both Lehigh and Strickland; that the maintaining of a station at Lehigh best accommodates the present and future needs of the largest number of residents. Petition dismissed and prayer of respondent denied.

No. 227.

JOSEPH NEWMAN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, as chairman of the town of Westford, Dodge county, filed a complaint on Nov. 23, 1907, alleging that the lines of the respondent cross a main traveled highway in said town at grade, that such crossing is unsafe and dangerous to travelers over such highway, by reason of the contour of the land obstructing the view of approaching trains. The case was set for hearing for Feb. 11, 1908. The hearing was continued. Certain devices for the protection of the travelers were installed by the respondent, which will probably satisfy the complaint.

No. 228.

COOK & BROWN LIME CO.

vs.

THE WISCONSIN CENTRAL RY. CO.

Submitted Jan. 14, 1908. Decided March 13, 1908.

No appearance for petitioner.
Thos. H. Gill for respondent.

Complaint alleging that respondent exacted a rate of 6 cts. per cwt. on cement between Milwaukee and Oshkosh, which was unusual as compared with the rate of 5 cts. per cwt. on competing lines between the same points, and praying that a refund be ordered. It was conceded that the failure of respondent to put in effect a rate of 5 cts. per cwt. was due to oversight.

8—R. R.

Held: That the rate of 6 cts. per cwt. is, under the circumstances, excessive; that the respondent refund the sum of \$9.50, being the amount found excessive.

No. 229.

RESIDENTS OF ROSENDALE AND ELDORADO

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioners, residents of Rosendale and Eldorado, filed a complaint on Nov. 27, 1907, alleging that the respondent failed to maintain telephones in its depots at said stations, and praying that such service be ordered installed. The respondent, by way of answer, stated that it had ordered a telephone installed in its depot at Rosendale, but that no substantial necessity existed for the installation of a telephone in its depot at Eldorado. The respondent later made arrangements with a resident of Eldorado whereby telephone service with the depot was furnished.

No. 230.

ED BLASER ET AL.

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Feb. 11, 1908. Decided Feb. 27, 1908.

Kittell & Burke for petitioners.

H. E. Corneau for respondent.

Petition of the citizens of Krakow demanding the establishment of a railway station, a side track and the maintenance of an operator.

Held: That the conditions at present existing at Krakow do not warrant the establishment of a regular station and the maintenance of an agent thereat, but it is ordered that the respondent company construct a spur track at a point to be approved by the Commission, and that it also construct a suitable platform at a convenient point, and that it stop one passenger and one freight train daily in each direction at said platform for the transaction of such business as is customarily done at railway stations,

No. 231.

W. F. SCHECKLER

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, a farmer residing near the city of Racine on the line of the respondent, filed a complaint on Dec. 14, 1907, alleging that he was unjustly discriminated against, in that the respondent refused to stop its cars at his residence to allow him to get on and off same, but allowed other persons to get on and off its cars at said point. The hearing was held on Jan. 14, 1908. Emerson Ela represented the petitioner and E. S. Mack the respondent. The complaint involved the question of stopping points on the line of the respondent between Racine and Milwaukee. The nearest stopping point to the residence of the petitioner was 265 feet, near a hotel of questionable reputation. Following the hearing, the complaint was satisfied by the respondent fixing a stopping point about 100 feet from the residence of the petitioner.

No. 232.

HARVEY SPRING CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a manufacturer of vehicles at Racine, filed a complaint on Dec. 17, 1907, alleging that the respondent had withdrawn the commodity rates on springs from Racine to Whitewater, Janesville, Beloit, Madison, Stoughton, Jefferson and other points in southern Wisconsin, to the great injury of the petitioner. Prior to the time set for the hearing, the commodity rates were restored and the complaint withdrawn.

No. 233.

C. BACON

vs.

STANLEY, MERRILL & PHILLIPS RY. CO.

Submitted Jan. 14, 1908. Decided Jan. 28, 1908.

Petitioner in his own behalf.
R. P. Wilcox for respondent.

A complaint against the Stanley, Merrill & Phillips Ry. Co., alleging inadequate station facilities and service at a point called Field.

Held: That in view of the opinions of a great majority of the settlers in adjacent territory regarding the advantages of maintaining the present station at Jump River, it would be unreasonable to compel the respondent railway company to maintain another station at Field. Recommendations are made regarding accommodations at Field, pending the construction of a wagon bridge across the Jump river at that point. Complaint dismissed.

No. 234.

THOMAS MORRIS

vs.

LA CROSSE CITY RY. CO.

The petitioner, a resident of La Crosse, filed a complaint on Dec. 16, 1907, alleging that the respondent fails to furnish its patrons in the city of La Crosse with reasonable and adequate service, in that it does not operate a sufficient number of cars; the cars are not run on established schedule; the cars are not properly heated and are generally in an unsanitary condition; proper waiting rooms are not maintained; that the company failed to take proper precautions to prevent collisions at railway crossings. It was further alleged that the rate of fares was unreasonable and excessive. The hearing was held on Jan. 15, 1908. The petitioner appeared in his own behalf, and B. E. Edwards and P. Vallier appeared for the respondent. Other cases involving the fares and service of street railways are being investigated by the Commission, and the case is held open pending the completion of such investigations.

No. 235.

GOODING & MYLREA LUMBER CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner is engaged in manufacturing lumber at Wittenberg. On Dec. 16, 1907, it filed a complaint alleging that the rate in effect on saw logs from Siding No. 2, three miles north of Monico Jct., to Wittenberg, a distance of fifty-nine miles, was \$2.10 per 1,000 feet; that such rate was excessive and unjustly discriminatory as compared with the rate of \$1.00 in effect between Three Lakes and Kelly, and other simi-

lar rates. On the date set for the hearing the respondent, by special authority of the Commission, put in immediate effect a rate of \$1.00 per 1,000 feet between said points, and the complaint was withdrawn.

No. 236.

PEOPLE'S TELEPHONE CO.

VS.

EASTERN RY. CO. OF MINNESOTA

GREAT NORTHERN RY. CO.

The petitioner, a telephone company operating in Superior, filed a complaint on Dec. 19, 1907, alleging that the respondents do not furnish reasonably adequate telephonic connection with its properties located in Superior, in that they do not permit the petitioner to install any telephones in their offices and buildings; that the telephonic service furnished by them is unreasonably and unjustly discriminatory, in that they permit telephone connection to be had with their offices and buildings by the Douglas County Telephone Co., a competitor of the petitioner. Hearings were had on and following May 12, 1908, and depositions taken. Grace and Hudnall appeared for the petitioner, and J. A. Murphy, C. H. Crownhart and W. M. Steele appeared for the respondents. The decision in the case was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 237.

LA FAYETTE STOWE

VS.

NORTHERN PACIFIC RY. CO.

The petitioner operates a sawmill on the line of the respondent between Washburn and Iron River. On Dec. 21, 1907, he filed a complaint through his attorney, E. C. Alvord, alleging that the respondent refused to construct a spur track at his said mill. A number of depositions were taken at Washburn and the case was set for hearing. The hearing was continued and the controversy was finally settled between the parties and a stipulation filed dismissing the complaint.

No. 238.

W. G. TABOR

vs.

WISCONSIN CENTRAL RY. CO.

Complaint was filed Dec. 21, 1907, by W. G. Tabor, a resident of the village of Dorchester, alleging that the respondent refused and failed to install a telephone at its depot at Dorchester. The case was set for hearing for Jan. 14, 1908. Prior to the hearing the respondent satisfied the complaint by ordering a telephone installed.

No. 239.

BURLINGTON ADVANCEMENT ASS'N.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, an association organized to promote the business interests of Burlington, filed a complaint on Dec. 23, 1907, alleging that the petitioner is endeavoring to have established in that city a factory for the manufacture of baskets, veneers and similar products; that the rates on saw logs to Burlington are higher than the rates in force to factories situated on the lines of the Chicago & North Western Ry., and are excessive and unreasonable and unjustly discriminatory, and unless reduced to an equality with the rates in force on the Chicago & North Western Ry., will prevent the establishment of the said factory at Burlington. The case was set for hearing for Jan. 14, 1908, and was later settled.

No. 240.

WILLIAM RIENOW

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, a farmer residing in the vicinity of Spokeville, filed a complaint on Dec. 31, 1907; alleging that the station facilities at Spokeville are inadequate, and praying that the respondent be ordered to erect a suitable platform, baggage and waiting room. The hearing was held on Feb. 11, 1908. Thos. H. Gill appeared for the respondent and no one

appeared for the petitioner. Following the hearing, the respondent made certain improvements at Spokeville. The case is still pending before the Commission.

No. 241.

COLIN W. WRIGHT

vs.

ILLINOIS CENTRAL R. R. Co.

Submitted Feb. 12, 1908. Decided Feb. 28, 1908.

Petitioner in his own behalf.

L. B. Murphy for Forty Thousand Club.

Jones & Schubring for respondent.

Complaint alleging inadequacy of passenger service on the Freeport-Madison branch of the Illinois Central R. R. The burden of the testimony and argument on behalf of the petitioner was directed against the use of a gasoline motor car which had been substituted for a steam passenger train.

Held: That the introduction of the motor car marks an epoch in the development of transportation; that the testimony shows substantial and safe construction of this car; that economy in operation is in the interest of the public as well as of the railway company; that the element of danger connected with the operation of a motor car, whatever that may be, is a question of objective fact, experience and expert knowledge, rather than of subjective impulse; that motor cars have been used in increasing numbers in all the leading countries of the world, both upon company-owned and state-owned railways, and that such operation has met with practically universal approval; that there is no evidence before the Commission tending to show inability on the part of the motor car in question to accommodate the traffic on respondent's line of railway, and that therefore the complaint be dismissed.

No. 242.

CITY OF WEST ALLIS

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT Co.

The petitioner, through its city attorney, filed a complaint on Dec. 27, 1907, alleging that the rates charged by the respondent for transportation between the city of Milwaukee and the western limits of the city of West Allis, and between

points in the city of West Allis, are excessive, unjust and unreasonable. A considerable amount of investigation has been carried on by the Commission in connection with this case and other cases involving the question of rates charged by the respondent herein, and the entire matter is still pending.

No. 243.

WOLF RIVER PAPER & FIBRE Co.

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner, engaged in the manufacture of pulp and paper at Shawano, filed a complaint on Jan. 3, 1908, alleging that the rates charged by the respondent on stone from Oakfield to Shawano were excessive and unreasonable as compared with the rates in effect from said point to Chicago, Marshfield, Ashland and other points. Soon after the complaint was filed, the respondent put in effect a tariff which was satisfactory to the petitioner, and the complaint was withdrawn.

No. 244.

In re INVESTIGATION OF TELEGRAPH SERVICE BY THE COMMISSION,
ON ITS OWN MOTION, ON THE

CHICAGO & NORTH WESTERN RY. Co.

CHICAGO, BURLINGTON & QUINCY R. R. Co.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

DULUTH, SOUTH SHORE & ATLANTIC RY. Co.

GREAT NORTHERN RY. Co.

ILLINOIS CENTRAL R. R. Co.

MARINETTE, TOMAHAWK & WESTERN RY. Co.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. Co.

NORTHERN PACIFIC RY. Co.

WISCONSIN CENTRAL RY. Co.

WISCONSIN & MICHIGAN RY. Co.

WESTERN UNION TELEGRAPH Co.

POSTAL TELEGRAPH & CABLE Co.

CHICAGO, MILWAUKEE & LAKE SUPERIOR TELEGRAPH Co.

Submitted Jan. 20, 1908. Decided Feb. 5, 1908.

J. A. Aylward representing the village of Black Earth.
Colin W. Wright representing the village of Juda.
Robert Lachmund representing the village of Sauk City.
S. A. Lynde for C. & N. W. Ry. Co.
Woodward & Lees for C., B. & Q. R. R. Co.
C. H. Van Alstyne and H. J. Killilea for C., M. & St. P. Ry. Co.
J. B. Sheean for C., St. P., M. & O. Ry. Co.
C. E. Lytle for D., S. S. & A. Ry. Co.
J. A. Murphy for G. N. Ry. Co.
Jones & Schubring for I. C. R. R. Co.
F. W. Curtis for M., St. P. & S. S. M. Ry. Co.
Thos. H. Gill for W. C. Ry. Co.
W. T. Abbott for W. & M. Ry. Co.
J. Swan for W. U. Tel. Co.

This investigation was prompted by petitions and complaints relating to telegraphic service. The enforcement of ch. 575, Laws of 1907, resulted in the closing of a large number of telegraph stations, due, in part at least, to the re-distribution of the railway telegraph operators, only a limited number of which were available. The railway companies now employ many more operators and pay a larger total of operators' salaries. Ch. 575 has also accelerated the substitution of the telephone for the telegraph in train operation. The contracts between the railway and telegraph companies make the latter responsible for commercial messages. The receipts at closed stations given. Impossibility of issuing a general order. Inadequacy of service is a matter of fact and law, which must be determined in each case by itself.

No. 245.

E. B. MCGILVARY

vs.

UNITED STATES EXPRESS Co.

AMERICAN EXPRESS Co.

The petitioner, an educator connected with the University of Wisconsin and residing in that part of the city of Madison known as University Heights, filed a complaint on Jan. 15, 1908, alleging that the respondents unjustly discriminated against the residents of University Heights, in that they refused to deliver and collect express packages in that portion of the city. The hearing was held Feb. 11, 1908, and follow-

ing the hearing the respondents satisfied the complaint by extending their delivery limits in the city so as to include University Heights.

No. 246.

NEW YORK FISH CO.

vs.

CHICAGO, BURLINGTON & QUINCY R. R. CO.

The petitioner, a wholesale dealer in fish, having its principal office at La Crosse, filed a complaint on Jan. 16, 1908, alleging that the rates charged by the respondent for the transportation of empty fish boxes are excessive; that the respondent refuses to grant the petitioner the privileges of stoppage in transit to finish loading. That part of the complaint relating to stoppage in transit was considered in connection with a general investigation which is still pending before the Commission. The complaint on rates and classification of fish boxes was heard on March 27, 1908. C. K. Freer appeared for the petitioner and Woodward & Lees for the respondent. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in volume two of the Decisions of the Commission.

No. 247.

EDWARD HINES LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

The petitioner, a manufacturer and dealer in lumber, having its principal office in Chicago and operating a sawmill at Hayward, Wis., filed a complaint on Jan. 22, 1908, alleging that the tariff in effect on saw logs from Hines to Hayward provides for a rate of \$2.00 per car, minimum number of cars thirty-five per day; that owing to the failure of the respondent to furnish a sufficient number of cars, the petitioner was unable to meet the required minimum, and praying that collection be made on the basis of the actual number of cars moved. At the hearing, which was held on Feb. 11, 1908, it developed that the petitioner had not paid the charges due under the published tariff, and that therefore the Commission

had no power to act. The petitioner was so advised and later complied with the requirements of the statutes and filed a complaint under which the Commission had jurisdiction. See No. 275.

No. 248.

PETER QUANTIUS

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, a resident of Montello, filed a complaint on Jan. 24, 1908, alleging that the respondent had discontinued its public telegraph service at Montello, to the injury of the petitioner. The hearing, which was set for March 11, 1908, resolved itself into a conference between the parties, at which it developed that said telegraph office had been operated by the Western Union Telegraph Co., and that said company was a necessary party to the proceeding. An unsuccessful attempt was made by the Commission to adjust the matter. Later a new complaint was drafted and forwarded to the petitioner, who did not return the same, and the matter is considered closed.

No. 249.

J. HANOWITZ

vs.

MATTOON RY. CO.

CHICAGO & NORTH WESTERN RY. CO.

Submitted Mar. 11, 1908. Decided April 8, 1908.

Kreutzer, Bird & Rosenberry for petitioner.

Francis Williams for M. Ry. Co.

B. Corneau for C. & N. W. Ry. Co.

Complaint alleging excessive rates, inadequate service and discrimination in rates and service. The first named respondent railway company admits it is a common carrier for only about one-third of its entire length, and it claims that for the remainder of its line it is a private logging road. The chief legal question involved in this position is at present before the courts; and in view of the offer of the railway company to accept freight at any point on its line, it is not thought neces-

sary to deal with this issue at present, but simply to consider the question of rates and to make recommendations regarding the same. A reduced schedule of rates for the shipment of logs and excelsior bolts is herein recommended.

No. 250.

K. L. HATCH ET AL.

vs.

WESTERN UNION TELEGRAPH CO.

The petitioners, residents of Winneconne, filed a petition on Feb. 5, 1908, alleging that on Jan. 1, 1908, the respondent discontinued its telegraph office at Winneconne, to the great inconvenience of the residents of said village, and praying that said office be ordered restored. It appeared that this office had not been operated as an independent office, but in connection with the Chicago, Milwaukee & St. Paul Ry. Co., which company should have been made a party to the proceeding. Considerable correspondence was carried on by the Commission in an effort to get the office restored. Finally a new complaint was drafted and forwarded to the petitioners, who failed to sign and return same, and the case is considered closed.

No. 251.

W. B. CLEMENTS

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a resident of the village of Veedum, filed a complaint on Feb. 4, 1908, alleging that during the month of December, 1907, the respondent discontinued its daily passenger train service through the village of Veedum on its Dexterville-Lynn branch, and substituted a service three days a week; that such service was unreasonable, insufficient and discriminatory. The case was set for hearing for March 11, 1908, and on March 7 the complaint was withdrawn by the petitioner.

No. 252.

MENASHA PAPER CO.

VS.

WISCONSIN CENTRAL RY. CO.

Decided Mar. 16, 1908.

Petition asking for a refund on shipment of paper from Menasha to Ladysmith, made in March, 1907. No routing was specified and shipment was made over line of respondent at the legal rate of 19 cts. per cwt. A more direct route was via Prentice Jct. and the "Soo" Line, for which the legal rate was 10 cts. per cwt.

Held: That under the provisions of sec. 8, ch. 582, Laws of 1907, petition must be made within six months after delivery of shipment in order to give the Commission jurisdiction; that in this case more than eleven months intervened. Petition dismissed.

No. 253.

TOWN OF NEBAGAMON

VS.

WISCONSIN CENTRAL RY. CO.

Complaint filed Feb. 11, 1908, by the town board of the town of Nebagamon, Douglas county, alleging that a certain crossing in said town was unsafe and dangerous to travelers, and praying that the Commission order the removal of obstructions that prevent travelers from observing approaching trains, and either order a bridge constructed over the railroad or the highway graded so as to make a more gradual ascent and descent to the tracks. The hearing was held on March 11, 1908. John E. Heacock appeared for the petitioner and Thos. H. Gill for the respondent. The case is still pending before the Commission.

No. 254.

ROCK COUNTY CONCRETE STONE CO. ET AL.

VS.

CHICAGO & NORTH WESTERN RY. CO.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioners, the Rock County Concrete Stone Co. and the Janesville Granite Brick & Stone Co., filed a complaint

on Feb. 11, 1908, alleging that the respondents charged the distance tariff rates on movements from the side tracks of the petitioners in the city of Janesville to the new yards of the C. & N. W. Ry. Co., a distance of three miles, and praying that a switching charge be placed in effect in place of the distance tariff. The case was set for hearing for March 11, 1908. Prior to said date the complaint was withdrawn by the petitioners.

No. 255.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RULES
RELATING TO STOPPAGE IN TRANSIT OF CARLOAD FREIGHT

A number of complaints having been filed with the Commission, involving the question of the right of stoppage in transit being granted to certain commodities on certain railroads, the Commission, on its own motion, instituted a general investigation, involving the rules and regulations of the principal railroads of the state. A notice of the hearing, which was held March 24, 1908, was sent to all the leading shippers of the state. At the hearing the shipping interests were well represented and the leading railroads. The Commission is carrying on an extended investigation of the subject and the matter is still pending.

No. 256.

ALART & MCGUIRE

vs.

GREEN BAY & WESTERN R. R. Co.

Submitted April 14, 1908. Decided April 17, 1908.

Complaint alleging exorbitant rates charged by respondent on shipments of cucumbers and onions.

Held: That the rate in force of 19.5 cts. per cwt. is unusual; that the commodities are entitled to a concentration rate, and that a reasonable rate for service rendered would have been 6 cts. per cwt. Refund ordered as stated herein.

No. 257.

M. W. KNAPTON

vs.

CHICAGO & NORTH WESTERN RY. CO.

The petitioner, as mayor of the city of New London, alleged that the respondent failed to furnish an adequate waiting room at its depot at New London. Following the filing of the complaint, the respondent voluntarily made repairs and additions, and the complaint was withdrawn.

No. 258.

JEFFERSON ICE CO.

vs.

CHICAGO & NORTH WESTERN RY. CO.

Submitted May 15, 1908. Decided June 3, 1908.

O'Connor, Schmitz & Wild, Fred Kull and John Barnes for petitioner.

S. A. Lynde for respondent.

T. M. Kearney and John Simmons for interveners.

Petition of the Jefferson Ice Company for an order compelling the Chicago & North Western Ry. Co. to construct and operate a certain spur track. Intervening petitions were filed by residents on the shores of Lake Geneva, upon which the ice house with which the connection is to be made is situated, and by the two towns through which the spur track would run.

Held, with respect to the interveners: That under the provisions of ch. 352, Laws of 1907, the Commission cannot lawfully take into consideration the matters presented by the intervening petitioners, but that it is restricted to the three essential requirements of the law relating to necessity, distance and safety. This feature of ch. 352 is discussed and the provisions construed. "Two miles in length" defined to mean two miles of line, and not two miles of total trackage.

Held, with respect to the petition: That the testimony fully meets the requirements of the law, which are enumerated and discussed herein, and that thereupon it is mandatory upon the Commission to order the construction of said spur track. An order is issued requiring the Chicago & North Western Ry. Co. to construct the spur track described herein within a period of four months.

No. 259.

GEO. H. KATZ

vs.

AMERICAN EXPRESS Co.

The petitioner, a resident of Milwaukee, filed a complaint on Feb. 29, 1908, relating to the free delivery limits in said city. The matter was set for hearing for Apr. 4, 1908, and on said date a stipulation was filed by which the free delivery limits were extended to the satisfaction of the petitioner, and the complaint was withdrawn.

No. 260.

DANIEL SHAW LUMBER Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

Submitted April 14, 1908. Decided April 17, 1908.

Complaint alleging excessive charges on shipments of logs between Cobban and Eau Claire.

Held: That the rate collected of 2.5 cts. per cwt. is exorbitant and that a reasonable rate would have been \$6.25 per car. Refund ordered as stated herein.

No. 261.

In re APPLICATION OF THE WAUPACA-GREEN BAY RY. FOR PERMISSION TO ACCEPT FROM THE GREEN BAY & WESTERN R. R. AN ADDITIONAL ONE CENT PER HUNDRED POUNDS ON POTATO SHIPMENTS IN CARLOAD LOTS.

Decided March 2, 1908.

A petition was filed with the Commission asking that it sanction an agreement by which the Green Bay & Western R. R. would allow the Waupaca-Green Bay Ry. an additional 1 ct. per 100 lbs., out of the joint rates on carload lots of potatoes delivered to the Green Bay & Western R. R. at Scandinavia, Wisconsin. Under the existing agreement the Waupaca-Green Bay Ry. receives 2 cts. per 100 lbs.

Held: That joint rates and the division of the same between the connecting railroads are primarily a matter of voluntary

agreement between the railroads interested. That the Commission may apportion joint rates when the connecting railways cannot agree upon a division of such rates. That the Commission is authorized to determine the reasonableness of joint rates in case public interests are affected. That the only grounds upon which the Commission may supervise contracts affecting a division of joint rates is when an excessive division operates as a rebate to a shipper by reason of his ownership of the railroad receiving such exorbitant share of the joint rate. That the approval of the Commission is not necessary to the legal consummation of the proposed agreement.

No. 262.

FRANKE GRAIN CO.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a dealer in grain at Milwaukee, filed a complaint on March 7, 1908, alleging that the respondent refused to establish transit accounts with the petitioner; that such refusal was an unjust discrimination against the petitioner and prevented the petitioner from successfully competing with grain receivers and shippers who enjoyed such transit account privileges. The matter was set for hearing April 14, 1908. On April 9 the Commission received a letter from the petitioner, stating that it believed the controversy could be settled direct and asking that the complaint be withdrawn.

No. 263.

PAUL GOSZ

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

Submitted April 14, 1908. Decided April 23, 1908.

George C. Hume for petitioner.

William Ellis for respondent.

A petition demanding the establishment of a flag station at Lime Kilns, a point between Hayton and New Holstein, stations on the Superior division of the Chicago, Milwaukee & St. Paul Ry.

Held: That because of the absence of established business enterprises, except the lime kilns, at the point at which the establishment of the flag station is demanded, and the relatively

short distance to a regular station at which an agent is maintained and the customary kinds of business transacted, sufficient cause for the compulsory establishment of a flag station has not been shown to exist. Complaint dismissed.

No. 264.

O. F. TATE

vs.

CHICAGO, BURLINGTON & QUINCY R. R. Co.

Submitted April 14, 1908. Decided April 24, 1908.

Petitioner in his own behalf.
Woodward & Lees for respondent.

Petition alleging inadequacy of the passenger service at Cassville, Wis., and unjust discrimination in the operation of certain trains, and also a violation of the speed limit. Concessions in the operation of one of the trains involved in the petition, materially improving the service, were made by the respondent company at the hearing. The allegation of unjust discrimination in the operation of certain trains was found to rest upon misapprehensions regarding certain facts with respect to the speed limits. Ch. 595, Laws of 1907, is declared to have superseded sec. 1809a, Statutes of 1898.

Held: That under all the facts and circumstances disclosed, the passenger service is reasonably adequate. Complaint dismissed.

No. 265.

FRANK CARTER Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner, a manufacturer and dealer in lumber, etc., at Menomonie, filed a complaint on March 20, 1908, praying for a refund for an alleged overcharge on certain shipments of lumber from Menomonie to Chippewa Falls. The complaint was later withdrawn by the petitioner.

No. 266.

B. B. GREEN

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner deals in lumber and operates a mill near Curtiss, Wis. On March 20, 1908, he filed a complaint alleging that he does considerable shipping from Curtiss station and that it would be a great convenience to him, as well as to the public in general, if a telephone were installed in the depot at Curtiss. An amended complaint was filed on May 6, 1908. On May 22 a letter was received from the respondent, stating that it had ordered a telephone installed at said station, thus satisfying the complaint.

No. 267.

KILBOURNE ADVANCEMENT ASS'N ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The Kilbourn Advancement Association joined with the mayors of Mauston and Camp Douglas in a complaint filed March 26, 1908, alleging that the respondent did not furnish adequate and necessary passenger service to the residents of Kilbourn City and other stations along its La Crosse division. The hearing was held on May 12, 1908, J. F. Dougherty appeared for the petitioners and William Ellis for the respondent. Following the hearing, the respondent placed a new train on this division, thus making the service satisfactory to the petitioners.

No. 268.

KEOGH EXCELSIOR MANUFACTURING CO.

JOHN W. KEOGH

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The above petitioners, engaged in the manufacture of excelsior and wood wool at Soldiers Grove and other points in the state, filed two complaints on April 1, 1908. One of them related to the rates on bolts, and the other to the rates on

excelsior and wood wool. In both cases the allegation was, that the rates were excessive and discriminatory. The hearings were held on May 13, 1908, and the arguments were heard on June 18. The decision of the Commission was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 269.

MILLER-MYERS IMPLEMENT CO.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioner, engaged in handling fuel at Stanley, filed a complaint on April 4, 1908, alleging that the rates in effect on hard and soft coal from Ashland to Stanley, on the line of the respondent, were unfair and unjust and discriminatory as compared with the rates in effect from Ashland to Chippewa Falls and Eau Claire, such rates being lower than the rates from Ashland to Stanley, an intermediate point. On April 15, 1908, a letter was received from the petitioner, requesting that the complaint be withdrawn.

No. 270.

W. J. CALLENDAR

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a druggist residing at Union Grove, filed a petition on April 2, 1908, alleging that the respondent refused to furnish telephone connection with its depot at Union Grove, to the inconvenience of the petitioner and the public. The hearing was held on May 11, 1908, J. T. Gittings appearing for the petitioner, and William Ellis for the respondent. At such hearing the respondent agreed to install a telephone at said depot, thus satisfying the complaint.

No. 271.

H. E. HINE ET AL.

vs.

WISCONSIN CENTRAL RY. CO.

The petitioners, residents of the village of Cadott, filed a complaint on April 10, 1908, complaining of the refusal of

the respondent to install a telephone in its depot at Cadott. The respondent, by way of answer, stated that it had ordered the telephone installed, thus satisfying the complaint.

No. 272.

FLOWRIGHT & MENZIES

vs.

CHICAGO & NORTH WESTERN RY. Co.

Submitted May 12, 1908. Decided June 17, 1908.

George G. Sutherland for petitioner.
S. A. Lynde for respondent.

In the complaint in this case it is alleged, among other things, that the respondent refused to place a car loaded with coal consigned to the petitioners on the track at the petitioners' coal shed to be there unloaded; that two such cars of coal routed over the lines of another railway company had been taken away from the said track by the respondent before the coal had been unloaded from these cars. Upon hearing and investigation it was found: that the above car was not placed for unloading because the petitioner, as required to do by respondent's agent, refused to call at the office of the said respondent and there pay the freight charges before the car was placed, such requirement being contrary to the practices in the past, and imposed only because the petitioners declined to pay demurrage charges for the time certain cars of coal had been so placed that they could not be reached for unloading; that the two cars of coal, which were taken away from the petitioners' shed before their unloading had been completed, were so taken away because the agent of the respondent held that the petitioners, by delivering a team load of coal direct from these cars to a customer, had violated the rules in the switching tariff and were therefore not entitled to the privileges of unloading the cars in question; that the respondent's agent had issued instructions to the effect that the petitioners would no longer be permitted to use the track in front of their shed for the purpose of unloading their coal, thus depriving said petitioners of all trackage facilities to their warehouse. These instructions were based on the facts that the track in question was

neither a private side track, nor a team track; that it was only a belt line serving such side and team tracks, and that to use it for unloading of cars was dangerous and tended to retard the traffic over it.

Held: 1. That, under the circumstances which prevail in this case, it would hardly seem proper for this Commission to endeavor by an order to straighten out the dispute over the matter as to whether the freight charges should be paid on the delivery of the freight, which had arisen between the parties in this case, and which appear to be of a personal nature.

2. That the delivery of coal by wagon direct from the car to customers, while said car was being unloaded into the warehouse of the petitioners, when such delivery did not materially interfere with or delay said unloading into the warehouse, did not, under any circumstances, appear to constitute team track delivery or to be in violation of the rules in the switching tariff, which, in effect, prohibit such deliveries from cars routed over some other line of road.

3. That the track located on River street in front of the warehouse or coal shed of the petitioners, and which has been used by them for the unloading of freight, does not appear to be either a team track or a private side track, but rather a sort of a belt line over which such tracks are served, and that in view of these and other facts and of the conditions generally which apply in this case, it appears to us that under the laws of this state the respondent cannot be required to permanently permit said belt line to be used as an ordinary team or side track.

No. 273.

F. P. WILBUR

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, president of the Wilbur Stock Food Co. of Milwaukee, filed a complaint on April 14, 1908, alleging that the rates charged by the respondent on sand and gravel, from Palmyra to Milwaukee, were excessive and prohibitory and discriminatory as compared with rates in effect on the same commodity between other points and rates in effect on similar commodities. Prior to the time of hearing, the matter was adjusted between the parties.

No. 274.

C. A. CALKINS ET AL.

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

C. A. Calkins, a traveling salesman residing at Milwaukee, and W. F. Hurtgen, president and treasurer of the Advance Bedding Co. of La Crosse, filed a complaint on April 18, 1908, alleging that the passenger train service on the La Crosse division of the respondent was inadequate to serve the needs of the public. The hearing, which was held on May 12, 1908, resolved itself into a conference between the petitioners and William Ellis, commerce counsel for the respondent, and resulted in the respondent installing an additional passenger train on said division.

No. 275.

EDWARD HINES LUMBER CO.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.

Decided May 29, 1908.

Petition alleging that, through delay on the part of the respondent in furnishing cars, the petitioner was unable to ship the required minimum number of cars per day to entitle it to the minimum tariff rate; that the rate charged was exorbitant and unusual. Respondent admits allegations of petition.

Held: That train load rates are not to be encouraged; that the rate exacted in this case is unusual and exorbitant; refund ordered.

No. 276.

JOSEPH DENNIS

vs.

KEWAUNEE, GREEN BAY & WESTERN R. R. CO.

The petitioner, a farmer residing near the village of Summit, Brown county, Wisconsin, filed a complaint on May 5, 1908, to the effect that the respondent does not maintain a station at Summit, and alleging that the amount of traffic which would result from the establishing of such station, and

the convenience of the public demand that such station be erected and an agent placed in charge. The hearing was held on June 18, 1908. J. W. Reynolds appeared for the petitioner and F. Seymour for the respondent. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 277.

CHIPPEWA LUMBER & BOOM Co.

vs.

WISCONSIN CENTRAL RY. Co.

The petitioner, engaged in the manufacture of lumber at Chippewa Falls, filed a complaint on May 9, 1908, alleging excessive charges on certain shipments of saw logs, and praying for a refund. The case was submitted on the pleadings and the correspondence of the parties relating to the claim. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 278.

A. TROSTEL & SONS

vs.

WISCONSIN CENTRAL RY. Co.

The petitioners are engaged in the business of conducting a tannery in the city of Milwaukee, and on May 12, 1908, filed a complaint alleging that the freight rates charged by the respondent on certain shipments of tan bark were excessive and discriminatory, for the reason that the petitioners in shipping same were unable to reach the required minimum weight, such minimum being excessive and unreasonable. This complaint was later withdrawn, for the reason that the charges complained of had not been paid by the petitioners. Under the provisions of the statutes the charges must be paid in order to give the Commission jurisdiction. The charges were paid by the petitioners and later a new complaint was filed.

No. 279.

CITY OF MILWAUKEE

vs.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

The petitioner, by John T. Kelley, the city attorney, filed a complaint on May 14, 1908, alleging that the rates charged by the respondent for transportation over its lines in the city of Milwaukee are excessive, unjust and unreasonable. This complaint is being handled in connection with several other complaints involving the rates and service of the respondent, and the entire matter is pending before the Commission.

No. 280.

G. L. DYER

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. CO.

The petitioner, a manufacturer and dealer in ice cream at Fall River, filed a complaint on May 13, 1908, alleging that the respondent failed to furnish adequate passenger train and express service to the village of Fall River, and praying that certain interstate trains be ordered stopped at said station. The hearing was held on June 18, 1908, E. E. Brossard appearing for the petitioner and William Ellis for the respondent. The decision in the case was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 281.

MENASHA WOODEN WARE CO.

vs.

WI-CONSIN CENTRAL RY. CO.

The petitioner is engaged in the manufacture of wooden ware at Menasha. On May 16, 1908, it filed a petition with the Commission alleging that the respondent had charged and collected an exorbitant rate on certain shipments of logs, and praying that a refund be ordered. The case was submitted upon the pleadings, tariffs, vouchers and papers on file. The decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 287. .

GEORGE W. LUFKIN

vs.

CHICAGO, MILWAUKEE & ST. PAUL RY. Co.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner resides at Eau Claire and operates two groups of gardens near the city. On June 9, 1908, he filed a complaint, through his attorney J. F. Ellis, praying that the respondents be ordered to put in effect a through rate from Lufkin's Siding, via Eau Claire, to Superior. Under the provisions of the statute, twenty days must elapse from the filing of the complaint to the time of the hearing, unless the parties, through special arrangement, agree to a shorter time. In this instance the parties were unable to agree to a shorter time, and as at the expiration of the twenty days the necessity for the rate would cease, the complaint was abandoned for the time being.

No. 288.

NEW RICHMOND ROLLER MILLS Co.

vs.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Co.

The petitioner is engaged in the business of milling and dealing in grain at New Richmond. On June 12, 1908, it filed a complaint alleging an overcharge on a shipment of a mixed earload of grain from Knapp to New Richmond. The hearing was held and the decision was rendered subsequent to June 30, 1908, and will be found in the second volume of the Decisions of the Commission.

No. 289.

S. K. HARRISON

vs.

DUNBAR & WAUSAUKEE RY. Co.

The petitioner, a farmer residing in the town of Commonwealth, Florence county, Wisconsin, filed a petition on June 24, 1908, alleging that the rates charged by the respondent for the transportation of cord wood from Fence to Grand Junction were exorbitant and prohibitory. The hearing was held and the decision was rendered subsequent to June 30, 1908. See Vol. 2 of the Decisions of the Commission.

No. 290.

UPHAM & RUSSELL Co.

vs.

CHICAGO & NORTH WESTERN RY. Co.

The petitioner is engaged in the general merchandise business at Shawano. On June 26, 1908, it filed a complaint alleging an overcharge made by the respondent on a shipment of flour and mill stuffs from Minneapolis, Minn., to Shawano, Wis. As the alleged overcharge related to an interstate shipment, the matter was not under the jurisdiction of the Commission. The case was taken up informally with the respondent, but no settlement could be reached, and it was referred to the interstate commerce commission.

No. 291.

H. W. BROWN

vs.

JANESVILLE STREET RAILWAY Co.

The petitioner, a resident and alderman of the city of Janesville, filed a complaint on June 24, 1908, alleging that the respondent failed to operate its cars over a certain portion of its system in the city of Janesville. A notice of hearing was issued. At the request of the city attorney of Janesville, who appeared for the petitioner, the matter is being held open, pending settlement.

PART III.

Formal Complaints and Valuation Cases Involving Public Utilities.

No. 1.

E. E. PAYNE ET AL.

vs.

WISCONSIN TELEPHONE CO.

Petition filed July 10, 1907, signed by E. E. Payne and fifty-six other citizens and property owners of the city of Marinette, alleging that the respondent, the Wisconsin Telephone Co., which operates a local exchange in Marinette, had recently on several occasions raised its schedule of rates, and had announced a further raise to take effect Aug. 1, following; that the rates so made and announced were extortionate and unreasonable. The petition involving the rates charged by the respondent, it was necessary for the Commission to ascertain the physical valuation of the respondent's system at Marinette. Such valuation was made by the engineers of the Commission and submitted in tentative form on Dec. 28, 1907.

Hearings on the complaint and on the valuation were held on Feb. 13 and Apr. 10, 1908. H. R. Goldman and E. W. LeRoy appeared for the petitioners, and Miller, Mack & Fairchild for the respondent. Arguments were heard on April 8, 1908. The case is still pending before the Commission.

No. 2.

STATE JOURNAL PRINTING CO. ET AL.

vs.

MADISON GAS & ELECTRIC CO.

Complaint was filed on July 12, 1907, signed by the State Journal Printing Co. and twenty-eight other residents, firms

and corporations of the city of Madison, alleging that rates for gas charged by the respondent were excessive and unreasonable; that the gas furnished by the respondent was insufficient for the reason that the respondent adulterated the gas furnished, by mixing therewith an amount of nitrogen, ranging from 10 to 20 per cent. The proceedings in this case were had and the hearings held in connection with an application of the respondent for authority to equalize and increase certain rates for service, thus bringing before the Commission the questions of rates, service and valuation of the physical property of the respondent. By reason of the time necessarily consumed by the engineers of the Commission in obtaining the valuation of the physical property of the respondent, the first hearing was not commenced until Feb. 20, 1908. Emerson Ela appeared for the petitioners, J. A. Aylward for the city of Madison, and Olin & Butler and E. S. Mack appeared for the respondent. Several subsequent hearings were held, also conferences between representatives of the respondent and the engineers and experts of the Commission, and arguments heard. The case is still pending before the Commission.

No. 3.

In re APPLICATION OF THE LA CROSSE GAS & ELECTRIC CO. FOR
AUTHORITY TO INCREASE RATES

Submitted Aug. 16, 1907. Decided Sept. 19, 1907.

D. G. MacMillan and P. M. Gelatt for petitioner.
No appearance in opposition.

The La Crosse Gas & Electric Co. applied for authority to increase its rates for electric light and power, alleging that because of competitive conditions the rates in effect April 1, 1907, and which were made the legal rates by ch. 499, Laws of 1907, had been reduced below a remunerative basis.

Held: That the rates in effect April 1, 1907, and which are the rates now charged for electric current and installations, are unreasonably low, being barely sufficient to meet operating expenses, rentals and taxes, leaving little or nothing for depreciation and interest on the investment.

That for this reason the rates so charged should be increased as provided by the within order. It being understood that the

rates herein prescribed are subject to any revision that upon further investigation may be deemed necessary when the property devoted to the service in question has been valued.

The following is a copy of the order:

IT IS THEREFORE ORDERED, That the petitioner in this case, the La Crosse Gas & Electric Company, in lieu of the rates it now charges for electric current for lighting and power shall substitute the following maximum rates:

Lighting Rates.

The service charge on all lighting and installations shall be one dollar and eighty cents per year per sixteen candle power lamp, or equivalent demand, on one-third of connected installation, or when one-third of connected installation is considered to be the demand.

The meter rate for a consumption equivalent to sixty hours or less per month for each installation shall be seven and one-half cents per kilowatt hour.

The meter rate for a consumption equivalent to more than sixty hours per month per each installation shall be six cents per kilowatt hour.

The meter rate for "Patrolled Service"—or for signs and other installations with fixed hours of use—shall be five cents per kilowatt hour.

Power Rates.

The service charge shall be twenty-seven dollars per year per horse power demanded.

The meter rate for less than five hours per day per horse power demanded shall be five cents per kilowatt hour.

The meter rate for over five hours, but not exceeding ten hours per day per horse power demanded shall be three cents per kilowatt hour.

The meter rate for over ten hours per day per horse power demanded shall be two cents per kilowatt hour.

No. 4.

In re APPLICATION REEDSBURG TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES

Application filed on Aug. 16, 1907, praying for authority to increase the rates of the applicant for telephone service from a flat rate of \$1.00 per month to the following:

One party residence.....	\$1.25
Two " "	1.00
One " business	1.50
Two " "	1.25

Also for authority to increase certain toll rates from 10 to 15 cts.; that such increase in rates was warranted for the reason that the applicant was increasing the efficiency of its system and adding to its investment by changing from a grounded system to a full metallic system and installing long distance transmitters and receivers.

The hearing was held on Sept. 3, 1907. E. G. Stolte appeared for the applicant company and C. H. Stone, city attorney, and William Hahn, city clerk, appeared for the city of Reedsburg. The representatives of the city did not oppose the increase in rates.

After careful examination of the investment, operating expenses and revenues of the applicant company, an order issued on Sept. 6, 1908, authorized the increase in rates in the city of Reedsburg as set forth in the application, and authorizing an increase from 10 cts. to 15 cts. in the toll rates from Reedsburg to La Valle, Logansville, Ironton, Lime Ridge and Hill Point.

No. 5.

In re APPLICATION MENOMONEE FALLS TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES

Application filed on Aug. 23, 1907, for authority to increase rates, for the reasons that the company had greatly increased its telephone service by building new lines, by the installation of an improved switch board, the putting into effect of a continuous service in place of a six days a week, fourteen hours a day service, thereby increasing the cost of the service and the amount of the investment.

The hearing was held on Sept. 3, 1907. No one appeared for the applicant company. Messrs. Campbell, Foster, Rinteman and Baird, residents of Menomonee Falls, appeared at the hearing and stated that there was no opposition to the proposed raise in rates, provided the company furnished good service.

After considering the testimony and the financial and other statements furnished by the applicant company, an order issued, on Nov. 22, 1907, authorizing the applicant company to put in effect the following schedule of rates:

Business telephones, party line.....	\$1.25
Business " one party line.....	1.75
Residence " in village, party line.....	1.00
Residence " in village, one party line...	1.50
Rural " 	1.00

TOLL CHARGES:

Non-subscribers within incorporated limits of vil- lage, each contact.....	\$0.05
Non-subscribers over all other lines belonging to the company.....	.10
Non-subscribers over all connecting lines, each contact .....	.10
Other line charge, long distance over rural lines	.05

No. 6.

In re APPLICATION COLBY TELEPHONE CO. FOR AUTHORITY TO IN-
CREASE RATES.

Application filed on Aug. 30, 1907, praying for authority to increase its telephone rates, on the grounds that the existing rates were too low for the amount and character of the service rendered. The schedule in effect was as follows:

Business telephones.....	\$1.50	per month
Residence " 	1.00	" "
Rural " 	1.25	" "

The hearing was held on Oct. 15, 1907. No appearance was made on the part of the applicant. The mayor of Colby, H. Neumeister, appeared in opposition. A remonstrance against the granting of the application was filed later, signed by a number of subscribers of the applicant. Owing to the opposition which developed among the patrons of the company, the application was withdrawn.

No. 7.

In re APPLICATION OF THE FOX RIVER MILLING & POWER CO. FOR
AUTHORITY TO INCREASE RATES.

Submitted Sept. 17, 1907. Decided Dec. 2, 1907.

Joseph Chandler for applicant.
No appearance in opposition.

The applicant applied for authority to change a part of the rates it had in effect, on the ground that many of these rates

were unequal or discriminatory as between the customers served. Upon analyzing the financial and operating statistics of the company, and such other facts as were available and could be obtained, it was found that there were good reasons why the rates should be readjusted.

Held: That the applicant may discontinue the rates now in effect, and in lieu thereof, substitute the rates given in the order in this case.

The order was as follows:

THE APPLICANT, the Fox River Milling & Power Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present system of rates for electric current or lighting, and in lieu thereof institute the following schedule of rates:

For sixty hours or less per month the rates shall be eleven and one-half cents per kilowatt hour.

For one hundred twenty hours, but more than sixty hours, per month the rate shall be eight and one-half cents per kilowatt hour.

For more than one hundred twenty hours per month the rate shall be seven and one-half cents per kilowatt hour.

Or, if for local reasons it should not be deemed advisable to put these rates into effect, the applicant may institute a rate of ten cents per kilowatt hour in lieu of all other rates.

In either case a discount of ten per cent may be allowed when the bills for the preceding month are paid on or before the third day of the succeeding month.

No. 8.

In re APPLICATION OF J. L. BALL FOR AUTHORITY TO INCREASE
TELEPHONE RATES.

Submitted Sept. 10, 1907. Decided Nov. 25, 1907.

J. L. Ball in his own behalf.

E. G. Herrell and A. F. Warren in opposition.

Petition for authority to increase telephone rates at Augusta, Wis. The testimony extended to questions of the quality of service, especially with reference to house connections, soldering connections at exchange poles, the capacity and efficiency of operators, and induction alleged to be caused by carrying light and telephone wires on the same pole. These matters are discussed herein. A valuation of the entire property devoted to the public service by the applicant at Augusta, Wis., was made by the Commission and the same is published

herein. The revenues and expenditures of the business are also considered.

Held: That the advance in telephone rates applied for is just and reasonable, and authority to put the same into effect is granted.

The order in this case was as follows:

IT IS THEREFORE ORDERED, That J. L. Ball be and he hereby is authorized to charge \$1.25 a month for business telephones and \$1.00 a month for residence telephones in the operation of his telephone plant at Augusta, Wisconsin.

The physical valuation of the property of the applicant, actually used and useful for the convenience of the public, as determined by the Commission, is as follows:

CLASSIFIED SUMMARY. PHYSICAL VALUATION.

As of September 15, 1907.

LIGHT AND TELEPHONE PROPERTY OF MR. J. L. BALL, AUGUSTA, WIS.

CLASSIFICATION.	TELEPHONE.		LIGHT.		PUMPING.		TOTAL.	
	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.	New.	Exist- ing condi- tion.
1. Land	\$155	\$155	\$05	\$05	\$15	\$10	\$265	\$265
2. Central station equipment	547	546	.....	.....	.....	.....	547	546
3. Telephone and Appliances	4,035	3,588	.....	.....	.....	.....	4,035	3,588
4. Distribution System	7,226	5,576	2,877	2,297	.....	.....	10,103	7,873
5. Power plant equipment .....	.....	.....	5,445	3,714	853	576	6,304	4,290
6. Building and miscellaneous structures	1,965	1,965	3,408	2,351	537	371	5,910	4,087
7. Office furniture and appliances	10	10	65	49	.....	.....	75	59
8. Tools	40	27	170	85	.....	.....	210	112
9. Miscellaneous .....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Items 1-9	\$13,978	\$11,867	\$12,060	\$8,591	\$1,438	\$932	\$27,446	\$21,420
10. Add 10 per cent (See note below)	1,398	1,187	1,206	850	141	96	2,745	2,142
Total of Items 1-10	\$15,376	\$13,054	\$13,266	\$9,450	\$1,549	\$1,058	\$30,191	\$23,562
11. Stores and Supplies	491	479	885	885	.....	.....	1,386	1,364
Total of Items 1-11	\$15,867	\$13,533	\$14,151	\$10,335	\$1,549	\$1,058	\$31,567	\$24,926

NOTE.—Item 10 includes: Superintendence, interest during construction, and contingencies.

No. 9.

In re APPLICATION OF THE MERRILL RAILWAY AND LIGHTING CO.
FOR AUTHORITY TO CHANGE ITS RATES FOR ELECTRIC LIGHT-
ING.

Submitted Sept. 17, 1907. Decided Dec. 10, 1907.

A. H. Reid for Applicant.
F. L. Smith for City of Merrill.
R. E. Smith for Lincoln County.

The applicant desired to change certain rates for commercial lighting and current, on the ground that the present rates were experimental only and were not properly adjusted as between short and long hour consumers. Investigation showed that this was in the main in full accordance with the facts. The applicant was therefore authorized to adopt either the rates applied for or certain other rates which were computed by the Commission and which are given in table VII herein.

The order in this case was as follows:

THE APPLICANT in this case, the Merrill Railway and Lighting Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present rates for commercial lighting and for current for power and to substitute therefor, either the rates given under "Class A.—All Commercial"—and under "Class C—Motors" in the application, as stated above, or the rates which are given in "table VII" above.

IT IS FURTHER AUTHORIZED to institute a minimum charge of one dollar per month for all consumers.

IT IS ALSO AUTHORIZED, if it deems it advisable to do so, to discontinue all of the rates which are now in effect and to substitute therefor the rates in said "table VII" above.

Class A. All commercial lighting. Rate 1, 30 cts. per mo. per unit and 2 cts. per kw. hr. Rate 2, 20 cts. per mo. per unit and 3 cts. per kw. hr. Rate 3, 10 cts. per mo. per unit and 5 cts. per kw. hr.

Class C. Motors.—Rate 1—C, \$1.00 per mo. per horse power and 1 ct. per kw. hr. if ten h. p. or more, 2 cts. per kw. hr. if less than ten h. p. Rate 2—C, 50 cts. per mo. per h. p., and 3 cts. per kw. hr. Rate 3—C, 25 cts. per mo. per h. p. and 5 cts. per kw. hr. One-third h. p. or less and flat-irons at lighting rates.

Table VII.

1.33 kw. hr. per day.....	9.60 cents per kw. hr.
1.66 " " " "	7.80 " " " "
2.00 " " " "	6.60 " " " "
2.33 " " " "	5.70 " " " "
2.66 " " " "	5.10 " " " "
3.00 " " " "	4.60 " " " "
4.00 " " " "	3.60 " " " "
5.00 " " " "	3.00 " " " "
6.00 " " " "	2.60 " " " "
7.00 " " " "	2.30 " " " "
8.00 " " " "	2.20 " " " "
10.00 " " " "	1.80 " " " "

No. 10.

In re APPLICATION OF THE ALMA ELECTRIC LIGHT CO. FOR AUTHORITY TO INCREASE RATES.

Submitted Oct. 20, 1907. Decided Dec. 3, 1907.

No appearances.

Application was made for authority to change the meter rates, on the ground that these rates were unsatisfactory and unequal. From the facts presented it appeared that there were good reasons why these rates should be readjusted.

Held: That the applicant is authorized to discontinue the meter rates now in effect and to substitute therefor the rates given in the order in this case.

The order in this case was as follows:

THE APPLICANT, the Alma Electric Light Company, until otherwise ordered, IS THEREFORE AUTHORIZED to discontinue its present meter rate of eight cents per kilowatt hour, and to substitute therefor a meter rate of ten cents per kilowatt hour, with discount on monthly bills of 10 per cent when the bill amounts to \$5.00 per month; 20 per cent for \$10.00 per month; 30 per cent for \$15.00 per month; and 40 per cent when the bill is \$20.00 per month.

No. 11.

In re APPLICATION OF THE BRODHEAD TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Sept. 1, 1907, praying that the applicant be allowed to equalize and increase its rates for telephone service, on the grounds that the existing schedule was discriminatory. The hearing was held on Sept. 17, 1907.

A. S. Moore appeared for the applicant and no one appeared in opposition.

On Nov. 13, 1907, the decision was rendered and the following is a copy of the order therein:

NOW, THEREFORE, IT IS ORDERED, That the following shall be the lawful schedule of rates to be charged by said Brodhead Telephone Company, subject to future orders of this Commission:

For use of a business telephone in the city.....	\$1.50 per mo.
For use of a residence telephon in the city.....	1.00 per mo.
For use of a residence telephone in the country.....	1.25 per mo.

No. 12.

In re APPLICATION OF SECTION 1797m—91, CHAPTER 499 OF THE LAWS OF 1907, TO A CERTAIN CONTRACT OF THE BRODHEAD TELEPHONE CO.

Decided Nov. 27, 1907.

Discussion of the question as to whether a telephone company is obliged to continue in force a contract, indefinite in term, wherein the rates for service are less than the schedule of rates established by order of the Commission.

Held: That sec. 1797m—91, ch. 499, Laws of 1907, applies to valid existing contracts providing for the rendering of services for a fixed period; that it does not apply to contracts amounting to indefinite subscription agreements which may be terminated by either party on sufficient notice.

No. 13.

In re APPLICATION WATSON HEATING CO. FOR AUTHORITY TO INCREASE RATES.

Application filed Sept. 7, 1908, by the Watson Heating Company of Marinette, praying for authority to increase its schedule of rates for heating, on account of the increased cost of producing steam.

Investigations have been carried on by the Commission and the engineers of the Commission have examined the plant of the applicant. The application is still pending.

No. 14.

In re APPLICATION MUNICIPAL LIGHTING CO. OF THE CITY OF
STOUGHTON FOR AUTHORITY TO INCREASE RATES.

Application filed on Sept. 16, 1907, by the city of Stoughton, praying that its schedule of rates for electric current be revised, and a sliding scale of charges be put in effect, in order to bring the rates strictly under the law. Such scale would increase the rates to some consumers.

The hearing was held on Sept. 24, 1907. G. W. Becker, mayor of Stoughton, appeared for the city, and no one appeared in opposition to the application.

The case is still under consideration by the Commission.

No. 15.

LORENZ & LORENZ ET AL.

vs.

WISCONSIN TELEPHONE CO.

This petition was filed on Sept. 28, 1907, and was signed by forty-two professional and business firms and individuals of the city of Milwaukee. It alleged that for more than one year past the telephone service of the respondent in the city of Milwaukee had been poor, insufficient, inadequate and unreliable; that the scale of wages paid by the respondent to its employes offered no inducement to skilled operators and resulted in the employment of young, inexperienced and untrained help, that by reason of the above mentioned condition the petitioners were subjected to unreasonable, unwarranted and annoying inconveniences, resulting in great losses of time and patience, and in many cases losses of business.

The hearings were held at Milwaukee during November and December, 1907, and the argument was heard at Madison on May 18, 1908. Lorenz & Lorenz appeared for the petitioners and Miller, Mack & Fairchild for the respondent. The testimony taken was very voluminous, nearly one hundred and fifty witnesses being examined. Extended investigations were carried on by the Commission and a large amount of data secured. The decision was rendered subsequent to the date of this report and will be found in the third volume of the Decisions of the Commission.

No. 16.

CITY OF MANITOWOC

vs.

ELECTRIC LIGHT CO.

Petitioner, by A. L. Hougan, its city attorney, filed a complaint on Oct. 7, 1907, alleging that the rates charged by the respondent for municipal and commercial lighting in the city of Manitowoc were unreasonable and excessive; that the equipment of the respondent was insufficient to furnish adequate electric service.

The hearing in the case was postponed to enable the engineers of the Commission to make a physical valuation of the property of the respondent. The case is still pending.

No. 17.

In re APPLICATION MICHIGAN STATE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed Oct. 14, 1907, by the Michigan State Telephone Co., a corporation organized under the laws of the state of Michigan and operating telephone lines and exchanges in the extreme northeastern part of the state of Wisconsin, praying for authority to discontinue all night rates and charge day rates on all night messages originating and terminating at Florence, Niagara and Spread Eagle, Wis.

The application was set for hearing for Oct. 31, 1907, and notice of such hearing, together with a copy of the application, was sent to a number of interested parties. On the date of the hearing no one appeared for or against the granting of the application, and on Nov. 19, 1907, authority was issued to the company as prayed.

No. 18.

T. J. CUNNINGHAM ET AL.

vs.

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Petition filed on Oct. 16, 1907, signed by twenty-seven persons, firms, corporations and associations of the city of Chippewa Falls, alleging that the rates, tolls and charges exacted

by the respondent of its customers in the city of Chippewa Falls for the furnishing of water, electric power, light and gas, were excessive and unreasonably high. This petition was heard in connection with an investigation on motion of the Commission, of an unlawful raise in rates on the part of the respondent. See No. 31. These proceedings involved all questions relating to the rates and service of the respondent and a valuation of its property. This valuation was made by the engineers of the Commission. The first hearing was held on Feb. 19, 1908. Miner & Elver appeared for the petitioners and L. J. Rusk and W. M. Bowe for the respondent. Subsequent hearings were held and investigations carried on by the Commission. The case is still pending.

No. 19.

CITY OF RIPON

vs.

RIPON LIGHT & WATER CO.

The petitioner, by A. E. Dunlap, its city attorney, and by order of its common council, filed a petition on Oct. 24, 1907, alleging that the rates charged by the respondent for water, electric power and gas for municipal and commercial use in the city of Ripon, were excessive and unreasonable; that the water pressure was often inadequate, especially for fire protection, and that the gas was of poor quality for lighting and of insufficient pressure for heating.

This case necessitated a valuation of the property of the respondent, which was made by the engineers of the Commission; also investigations of the service which were made by the experts of the Commission.

The hearings were held and arguments heard in connection with those on the valuation of the property. The first hearing was commenced on May 28, 1908. Doyle & Hardgrove represented the petitioner and George Lines the respondent. Various hearings and conferences were held subsequent to that date, and the cases are still under consideration by the Commission.

No. 20.

GEO. W. HILL ET AL.

vs.

ANTIGO WATER CO.

The petition in this case was signed by twenty-six residents of the city of Antigo and was filed on Oct. 9, 1908. It alleged that the rates charged by the respondent for furnishing water to the petitioners were unreasonable, unjust and discriminatory, and that the service furnished was inadequate. The answer of the respondent was a general denial of the allegations of the petition.

A valuation of the property of the respondent was involved, which was made by the engineers of the Commission. Investigations of the service were also made by the experts of the Commission. In this and other pending cases the questions of service, rates and valuation were raised, which were so similar in nature, that the Commission deemed it desirable to have a full presentation made of a number of important cases in order that the facts might be fully presented and as much data collected as possible. The decisions in all of the cases have therefore been delayed. In the present case a stipulation was entered into by the parties, waiving statutory notice of hearing on the valuation of the property, and hearing was held in connection with the hearing on the complaint. Such hearings were noticed for March 10, May 20, and June 29, 1908, and in each case lasted several days, and the argument was heard later.

John Barnes represented the petitioner and was assisted in the first instance by O. G. Erickson, city attorney, and later by S. J. McMahon, who succeeded Mr. Erickson as city attorney. E. M. Hyzer represented the respondent.

The testimony taken was very voluminous and a large amount of data was accumulated. A preliminary order as to service was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission. The matter of rates and service is still pending.

No. 21.

CITY OF ASHLAND

vs.

ASHLAND WATER CO.

Petition filed on Oct. 29, 1907, signed by E. J. Colignon, city attorney, and by order of the common council of said city, alleging that the rates charged by the respondent for furnishing water in said city for municipal and commercial purposes, were unjust, unreasonable and excessive.

The case was set for hearing for Jan. 21, 1908. The hearing was continued from time to time on stipulation by the parties, awaiting the valuation of the property of the respondent by the engineers of the Commission, and was held on May 25, 1908. A. W. Sanborn and J. T. Colignon, city attorney, appeared for the petitioner, and Tomkins & Tomkins, and Lamoreaux & Shea appeared for the respondent. A deposition was also taken before the secretary of the Commission on June 23, 1908.

The case is still under consideration by the Commission, pending its decision in cases of similar nature.

No. 22.

In re APPLICATION SUPERIOR WATER, LIGHT & POWER COMPANY
FOR AUTHORITY TO INCREASE RATES.

On Oct. 22, 1907, the above named company filed four separate applications praying for authority to increase its rates in the city of Superior for gas, electric current, meter water rates and flat water rates.

A complaint (No. 23) was later filed by the city of Superior against this respondent, alleging excessive rates.

The cases were set for hearing for Sept. 16, 1907. By stipulation of the parties the hearings were continued from time to time, awaiting the valuation of the property of the respondent by the engineers of the Commission, and the cases are still pending.

No. 23.

CITY OF SUPERIOR

VS.

SUPERIOR WATER, LIGHT & POWER COMPANY.

The above named petitioner, by T. L. McIntosh, its city attorney, and George E. Dietrich, its assistant city attorney, filed a petition on Nov. 9, 1907, alleging that the rates charged by the respondent for gas, water and electric service in the city of Superior were excessive, unreasonable and unjust. This case was considered in connection with other proceedings before the Commission involving the respondent, and the hearing was continued from time to time on stipulation of the parties. A hearing was held on May 25, 1908. Thos. E. Lyons, the then city attorney, appeared for the petitioner, and Ross & Dwyer for the respondent. This hearing was continued and the case is still pending.

No. 24.

In re APPLICATION OF THE MEDFORD LIGHT AND HEATING CO. FOR
AUTHORITY TO CHANGE ITS RATES.

Submitted Dec. 10, 1907. Decided June 2, 1908.

Fred Yates for applicant.

No appearance in opposition.

Petition praying for change in its schedule of rates, the rates in effect being inequitable as between consumers, in that in many instances they are the same for short as for long hour users.

Held: That the cost per unit of current is much greater for short than for long hour consumers, and that schedules of rates should be based accordingly; that the petitioner should be authorized to discontinue its present rate schedules and to substitute therefor the rates named in this decision.

In the order the applicant was authorized to put in effect the following schedule of rates:

Commercial Lighting—Midnight service.

Each 32 c. p. lamp	.....	\$1.00	per month
" 16 "	.....	.50	" "
" 8 "	.....	.30	" "

Commercial Lighting—All night service.

Each 32 c. p. lamp	.....	\$1.50	per month
" 16 "	.....	.75	" "
" 8 "	.....	.50	" "

Residence Service—All night circuits.

Each 32 c. p. lamp	.....	\$0.75	per month
" 16 "	.....	.50	" "
" 8 "	.....	.30	" "
" 4 "	.....	.20	" "

These flat rates are made with the understanding that lights will be turned off when not needed and that as much care be taken in this respect as if meters were installed. Failure to conform to this will be sufficient reason for the installation of meters. Lamps in residences not to be used continuously all night except at double the above rates.

Meter Rates.

Up to 30,000 watts per month 10 cts. per kw. hr., with a minimum charge of \$1.00 per month.

For more than 30,000 watts, but not more than 50 000 watts per month, 8 cts. per kw. hr., with a minimum charge of \$3.00 per month.

For more than 50,000 watts 6 cts. per kw. hr., with a minimum charge of \$4.00 per month.

No. 25.

In re APPLICATION MADISON GAS AND ELECTRIC CO. FOR AUTHORITY TO MODIFY RATES.

Petition filed on Dec. 11, 1907, alleging that on April 1, 1907, a number of the consumers of electric current in the city of Madison were not charged according to the regular schedule of rates for interior electric lighting, electric signs and electric power, but that in the development of these lines of business special contracts had been made in a large number of cases; that the company, prior to said April 1, 1907, had made certain reductions in its rates for gas and electric service to certain of its employes and officers. Authority was asked to modify and equalize such rates and to put in effect a proposed schedule of rates.

On Feb. 24, 1908, a petition was filed by the city of Madison, through its city attorney, J. A. Aylward, objecting to the proposed schedule of rates as being unreasonable, unjust and excessive. It objected to any change in the existing rates that would increase the rates of any customers of the applicant. The petition further alleged that the electric service of the applicant was deficient and irregular and that its

entire rates for service were excessive and unreasonable and prayed that an equitable schedule of rates be established.

The hearings on this application and the answering petition of the city were held in connection with the hearings on complaint of State Journal Printing Co. et al., No. 2. The matter is still pending.

No. 26.

WISCONSIN ELECTRICAL CONSTRUCTION CO.

vs.

CENTRAL HEATING CO.

Complaint filed on Dec. 16, 1907, by the Wisconsin Electrical Construction Co., a corporation located in the city of Milwaukee, alleging that it had been supplied with steam heat at its place of business by The Milwaukee Electric Railway & Light Co.; that during the preceding month the heating system had been transferred to the Central Heating Co., which company had installed a meter and that thereby its rates had been greatly increased and that such increase was contrary to the provision of the Public Utilities Law.

A complaint, signed as in this instance by one commercial corporation, does not give the Commission jurisdiction. This complaint was superseded by an investigation on motion of the Commission of the rates in question. See case No. 33.

No. 27.

JAMES GORMAN, MAYOR,

vs.

KENOSHA GAS & ELECTRIC CO.

The petitioner, as mayor of the city of Kenosha, and in behalf of the city and its residents, filed a complaint on Dec. 14, 1907, alleging that the rates exacted by the respondent in the city of Kenosha for gas and electric service were unreasonable, unjust and discriminatory. No resolution had been passed by the common council of the city of Kenosha authorizing the filing of the complaint. It was considered as filed by an individual, and therefore did not give the Commission jurisdiction. This omission was later rectified by the passage

of a resolution empowering the mayor to proceed in behalf of the city. The Commission also entered into an investigation on its own motion. See No. 37.

The engineers of the Commission proceeded with the valuation of the property of the respondent and the case is still pending.

No. 28.

D. E. CANTY ET AL.

VS.

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

The petition in this case, filed Dec. 14, 1907, was signed by twenty-five residents of the city of Ashland, and alleged that the respondent was engaged in furnishing gas and electric current to private and public consumers in said city, and that the rates charged for such service were unjust and exorbitant. The complaint necessitated a valuation of the property of the respondent, which was made by the engineers of the Commission.

The hearings have been continued from time to time on stipulation of the parties, and the case is still pending.

No. 29.

CITY OF CHILTON

VS.

WISCONSIN ELECTRIC SERVICE CO.

THE OSHKOSH SAVINGS & TRUST CO.

Submitted Feb. 18, 1908. Decided April 3, 1908.

L. P. Fox for Petitioner.

C. D. Smith for W. E. S. Co.

Petition filed alleging that the respondent lighting company failed to furnish electric light as provided by ordinance, to keep its system in proper repair, and in other respects failed to supply adequate service, and praying that an order be made granting to another utility the privilege of furnishing light. The respondent lighting company is operating under an indeterminate permit. The testimony tended to show that the service rendered was faulty and due to failure to keep the plant in proper repair.

Held: That the Commission is not the proper tribunal to which to appeal to obtain an annulment of the franchise of the respondent lighting company; that the municipal council has ample power under the law to regulate the service of respondent lighting company, to require additions and extensions to its plant, and to provide a penalty for non-compliance with its orders. Petition dismissed.

No. 30.

In re APPLICATION OF THE CHIPPEWA VALLEY RAILWAY, LIGHT, HEAT AND POWER CO. FOR AUTHORITY TO CHANGE ITS RATES.

Submitted Feb. 19, 1908. Decided Mar. 18, 1908.

C. T. Bundy, for Petitioner.
A. C. Larson, for city of Eau Claire.

The petitioner in this case set forth, in substance, that the rates charged for electric current were uneven and badly adjusted generally, and that these inequalities were materially increased by recent enlargements and changes in the plant. These representations were substantiated by the testimony in the case, and by the investigation that was made into the facts. For these reasons it was

Held: That the petitioner should be authorized to discontinue its present rate schedules and to substitute therefor the rates named in this decision.

The order in this case is as follows:

THE PETITIONER herein, the Chippewa Valley Electric Railway, Light and Power Company, until otherwise directed, Is THEREFORE AUTHORIZED to discontinue its present rates and to substitute therefor the following rates:

LIGHTING.

Residence Lighting. In all residences the rate shall be 15 cts. per month for each active connected incandescent unit of 50 watts capacity, or the equivalent thereof, and 3 cts. per kw. hr. for all current consumed by the connected units, whether active or inactive. Active units are lights used or connected for use in the following rooms: main hall, main stairway, parlors, library, dining room, sitting room, living room, kitchen, den, music room, conservatory, butler's pantry, and one light on the second floor. Non-active lights shall include lights used on porches, vestibules, basements, attics, closets, bathrooms, bedrooms, lavatories, wood sheds, stables, back halls, back stairways, and all other rooms not herein otherwise specifically mentioned; provided, this classifica-

tion shall only apply to residences which are equipped for and using electricity exclusively for lighting; and provided further, that in case of such residences the active lights shall not exceed 75 per cent of the total installation. In all other residences all lights shall be deemed active.

Commercial Lighting. Commercial lighting shall include retail and wholesale mercantile establishments, saloons, restaurants, depots and all other consumers not herein otherwise specifically provided for. The rate for commercial lighting shall be 15 cts. per month for each 50 watts connected capacity, or its equivalent, and 3 cts. per kw. hr. for all current consumed; provided, that to all consumers using 20 per cent of their total connected load for window display or advertising purposes 25 per cent. of the full connected capacity shall be considered as non-active lights, to be used exclusively for such purposes, and paid for at the rate of 3 cts. per kw. hr.

Hotels, Clubs and Boarding Houses. The rate for lighting hotels, clubs and boarding houses shall be 15 cts. per month for active lights connected, and 3 cts. per kw. hr. for all current consumed. The classification of active and non-active lights shall be the same as for residences, except lights connected and used in buffets, bars, bowling alleys, billiard rooms, card rooms, lobbies, main halls, corridors on each floor, wash rooms, lavatories and boiler rooms shall be deemed active lights.

Auditoriums, Dancing Halls, Opera Houses, Lodge Rooms, Churches, and Factories Closing at Six o'clock P. M. The rate shall be 15 cts. per month for one-half of all connected units of 50 watts or its equivalent and 3 cts. per kw. hr. for all current consumed.

Flat Rates. The company shall be authorized to charge a flat rate of 30 cts. per month per light of 50 watts capacity, or its equivalent in residences, or 50 cts. per light of same capacity in business places, in any case where a consumer uses less than three such lights in any one building; or the company may, at its option, install a meter for any such customer, in which event the rate shall be as specified in the above classification.

Minimum Rate. The company shall be authorized in every case where a meter is installed, to make a minimum charge of \$1.00 per month.

Equipment and Renewals. In all the foregoing rates the consumer shall furnish and renew all lamps, except arc lamps, and all switches and wiring in the premises, and the company shall furnish arc lamps, transformers, meters and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises.

POWER.

The rate for power to consumers using 5 h. p. or more shall be 75 cts. per month per h. p., to be based on rated motor capacity

and 2 cts. per kw. hr. for all current consumed; provided, that for consumers using 3 or more, and less than 5 h. p. for power purposes, the rate shall be \$4.00 per month per h. p., based on rated motor capacity; and for all motors of less than 3 and more than 1 h. p. capacity, at the rate of \$5.00 per month per h. p., based on motor capacity; and on all motors of 1 h. p. or less at the rate of \$6.00 per month per h. p., based on motor capacity.

Miscellaneous. The rate for electric fans, flat irons and other miscellaneous electrical equipment, not herein otherwise specified, shall be 3 cts. per kw. hr. for all current consumed on premises lighted electrically, and at the rate of 9 cts. per kw. hr. for all current consumed on premises otherwise lighted.

The maximum rate shall in no instance exceed 9 cts. per kw. hr.

On May 5, 1908, the Commission issued an emergency order as authorized by sec. 1797—99, ch. 499, Laws of 1907. A public hearing was held on this order and a formal order was later issued authorizing the following schedule of rates:

LIGHTING.

Residence Lighting. In all residences the rate shall be 15 cts. per month for each active connected incandescient unit of 50 watts capacity, or the equivalent thereof, and 3 cts. per kw. hour for all current consumed by the connected units, whether active or inactive. Active lights are lights used or connected for use in the following rooms: main hall, main stairway, parlors, library, one 50 watt unit in dining room, sitting room, living room, kitchen, den, music room, conservatory, butler's pantry, and one 50 watt unit on the second floor. Non-active lights shall include lights used on porches, in vestibules, basements, attics, closets, bedrooms, bathrooms, lavatories, wood sheds, stables, back halls, back stairways, one portable reading lamp used in active rooms, and all other rooms not herein otherwise specifically mentioned; provided this classification shall only apply to residences which are equipped for and using electricity exclusively for lighting when available; and provided further that in case of such residences the active lights shall not exceed 75 per cent of the total installation. In all other residences all lights shall be deemed active.

Commercial Lighting. Commercial lighting shall include retail and wholesale mercantile establishments, saloons, restaurants, depots and all other consumers not herein otherwise specifically provided for. The rate for commercial lighting shall be 15 cts. per month for each 50 watts connected capacity, or its equivalent, and 3 cts. per kw. hr. for all current consumed; provided that to all consumers using electricity exclusively for lighting when available and using 10 per cent of their total connected capacity for window display or advertising purposes, all

lights so used shall be considered and paid for as non-active lights at the rate of 3 cts. per kw. hr. for the current actually consumed; and the maximum rate to all consumers who shall come within the terms of this proviso shall not exceed 6 cts. per kw. hr. for the total current used.

Readiness-To-Serve Rating. In determining the readiness-to-serve charge for residence and commercial lighting, all units of 8 c. p. or less shall be counted as 8 c. p. and rated at 30 watts per hour, and the readiness-to-serve charge for all such lights in active rooms shall be 9 cts. per month in addition to the charge for current consumed.

Hotels, Clubs and Boarding Houses. The rate for lighting hotels, clubs and boarding houses shall be 15 cts. per month for all active lights connected and 3 cts. per kw. hr. for all current consumed. The classification of active and non-active lights shall be the same as for residences, except lights connected for use in dining rooms, buffets, bars, bowling alleys, billiard rooms, card rooms, barber shops, lobbies, main halls, corridors on each floor, wash rooms and lavatories shall be deemed active lights.

Auditoriums, Dancing Halls, Opera Houses, Lodge Rooms, Churches and Manufacturing Plants. The rates shall be 15 cts. per month for one-third of all connected units of 50 watts or its equivalent, and 3 cts. per kw. hr. for all current consumed.

Flat Rates. The company shall not be required at its own expense to furnish or install meters for any consumer using less than five 50-watt units, or the equivalent thereof, in any one building, and shall be authorized to charge consumers using three or more such units a flat rate of 30 cts. per month per unit in residences, and 50 cts. per month per unit in business places; or the company may, at its option, install a meter for any such consumer, in which event the rate shall be as specified in the above classification.

Minimum Rate. The company shall be authorized in every case where a meter is installed to make a minimum charge of one dollar per month, and to flat rate customers a minimum charge of 90 cts. per month in residences and \$1.50 per month in places of business.

Equipment and Renewals. In all the foregoing rates the consumer shall furnish and renew all lamps, except arc lamps and all switches and wiring in the premises, and the company shall furnish arc lamps, transformers, meters and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises.

Other Lighting Rates. On contracts for three years or longer, with any consumer using 90 or more, and less than 140 480-watt arc lamps, or the equivalent thereof to burn not less than 3 800 hours per year, the rate shall be 15 cts. per month for each 50 watt connected capacity, or its equivalent, and 2¼ cts. per kw. hr. for all current consumed, plus a reasonable charge for at-

tendance for arc lamps and a reasonable charge for renewals of all other lamps and rental for fixtures for same; such charge to be fixed by contract with consumers and such contract filed with the Railroad Commission.

On contracts with any one consumer using 140 or more, and not to exceed 150 arc lamps of 480-watt capacity, to burn not less than 3,800 hours per year, the rate shall be 15 cts. per month for each 50 watt unit connected and $2\frac{1}{8}$ cts. per kw. hr. for all current consumed, plus a reasonable charge for attendance to be fixed by contract with consumers, and such contract filed with the Railroad Commission.

POWER RATES.

The rate for power to consumers demanding 5 h. p. or more shall be 75 cts. per month per h. p. demanded, to be based on rated motor capacity, and 2 cts. per kw. hr. for all current consumed; provided, that for consumers demanding three or more and less than 5 h. p. for power purposes, the rate shall be \$4.00 per month per h. p., based on rated motor capacity; and on all motors of less than 3 or more than one h. p. capacity, at the rate of \$5.00 per month per h. p., based on motor capacity; and on all motors of one h. p. or less at the rate of \$6.00 per month per h. p., based on motor capacity; and provided further that the company may, at its option, install meters for all power consumers, in which event the rate above specified for consumers, using more than 5 h. p., shall apply.

For each meat chopper using 3 h. p. or less, \$3.00 per month;

For each coffee grinder using 1 h. p. or less, \$2.50 per month;

For each peanut roaster using 1 h. p. or less, \$2.50 per month;

For each shoemaker using 2 h. p. or less, \$5.00 per month;

For each feed barn and livery stable using motors for cutting hay only, \$5.00 per month;

For each bakery using 2 h. p. or less, \$5.00 per month;

For each church organ using 2 h. p. or less, \$3.00 per month.

Minimum Power Rate. The company shall be authorized to charge a minimum rate of \$1.00 per month for each motor installed.

MISCELLANEOUS.

The rate for electric flat irons, cooking utensils and other miscellaneous electrical equipment, not used by means of motors and not herein otherwise specified, shall be 3 cts. per kw. hr. for all current consumed on premises lighted electrically, and at the rate of 9 cts. per kw. hr. for all current consumed on premises otherwise lighted.

MAXIMUM RATE.

The maximum rate, except where authorized by the minimum charge hereinbefore provided for, shall in no instance exceed 9 cts. per kw. hr.

No. 31.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF RATES
CHARGED BY CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Investigation by the Commission, on its own motion, of the charge that the said company, without due authority and contrary to the provisions of secs. 1797m—27 and 1797m—105, ch. 499, Laws of 1907, raised the rates which were in effect on April 1, 1907.

This investigation was conducted in connection with the complaint of T. J. Cunningham et al. See No. 18.

No. 32.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE
ELECTRIC SERVICE OF THE LA CROSSE GAS AND ELECTRIC CO.

Following the decision of the Commission authorizing the above named company to increase its rates in the city of La Crosse, informal complaints were made to the Commission of alleged defects in the quality of the electric service furnished by the company, especially with reference to uniformity of voltage and accuracy of meters. The Commission therefore instituted an investigation on its own motion. Notice of such investigation issued on Jan. 4, 1908.

A thorough examination of the local situation was made by the experts of the Commission. The hearing was held on April 21, 1908. John F. Doherty, city attorney, appeared for the city of La Crosse, and Woodward & Lees for the company.

The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 33.

In re INVESTIGATION BY THE RAILROAD COMMISSION OF WISCONSIN
OF THE RATES CHARGED BY THE MILWAUKEE CENTRAL HEATING CO. OR THE MILWAUKEE ELECTRIC RAILWAY AND LIGHT CO.

Submitted Jan. 21, 1908. Decided Mar. 17, 1908.

F. J. Morawetz for Wisconsin Electrical Construction Co.
C. M. Rosecrantz for M. C. H. Co. and T. M. E. R. & L. Co.

This investigation, on motion of the Commission, was based on the complaint of the Wisconsin Electric Construction Co.,

relating to the rates charged for heating of the above mentioned companies in the city of Milwaukee. (See No. 26.) The hearing was held on Jan. 21, 1908, appearances being entered as above indicated. The decision was rendered on March 17, 1908, and was to the effect that there were not sufficient data before the Commission on which a conclusion could be reached as to the reasonableness of the rates in question, and the matter was held in abeyance. The schedule of rates in effect is as follows:

First	25,000 lbs.	of condensed steam used in one month	80c	per 1,000 lbs.
Second	"	"	70c	"
Third	"	"	60c	"
Next	75,000	"	50c	"
All over the above	"	"	45c	"

In connection with the investigation the following data were secured, showing rates in effect in various cities:

STEAM HEATING RATES IN FORCE AT

Detroit, Mich.:

0 lbs. to	12,500 lbs.	used in any month	\$.58	per 1,000 lbs.
12,000	" 25,000	"	.57	" "
25,000	" 37,500	"	.56	" "
37,000	" 50,000	"	.55	" "
50,000	" 75,000	"	.54	" "
75,000	" 100,000	"	.53	" "
100,000	" 200,000	"	.52	" "
200,000	" 300,000	"	.51	" "
300,000	" 400,000	"	.50	" "
400,000	" 500,000	"	.49	" "
Above	" 500,000	"	.48	" "

10 per cent discount on all bills paid on or before the 15th of the month

Baltimore, Md.:

2,000 lbs. to	25,000 lbs.	used in any month	\$0.90	per 1,000 lbs.
25,000	" 40,000	"	.85	" "
40,000	" 55,000	"	.80	" "
55,000	" 70,000	"	.75	" "
70,000	" 85,000	"	.70	" "
85,000	" 125,000	"	.65	" "
125,000	" 250,000	"	.60	" "
250,000	" 500,000	"	.55	" "
500,000	" 1,000,000	"	.50	" "
1,000,000 and over	"	"	.45	" "

Above rate subject to 10 per cent discount if payment of bills is made within five days from date.

St. Paul, Minn.:

More than	30,000 lbs.	and less than	60,000 lbs.	per mo.	\$.85	per 1,000 lbs.
"	60,000	"	90,000	"	.80	"
"	90,000	"	120,000	"	.75	"
"	120,000	"	150,000	"	.70	"
"	150,000	per month			.60	"

10 per cent discount if paid on or before 10th day of month.

Cleveland, O.:

First	10,000 lbs. used in any month	\$1.00 per 1,000 lbs.		
2d and 3d	10,000	..	.80	..
4th and 5th	10,000	..	.70	..
6th and 7th	10,000	..	.60	..
8th and 9th	10,000	..	.50	..
Next	200,000	..	.45	..
All over	200,000	..	.40	..

Dayton, O.:

First	10,000 lbs. used in any month	\$.75 per 1,000 lbs.		
Next	10,000	..	.70	..
"	10,000	..	.65	..
"	20,000	..	.60	..
"	50,000	..	.55	..
"	200,000	..	.50	..
All over 200,000	..	..	.45	..

10 per cent discount if paid before the 10th of the month.

Kansas City, Mo.:

First	50,000 lbs. used in any month	\$.65 per 1,000 lbs.		
Second	50,000	..	.55	..
All over	100,000	..	.45	..

10 per cent discount if paid on or before the 10th of the month.

Sedalia, Mo.:

First	10,000 lbs. used in any month, or less	\$0.70 per 1,000 lbs.		
Next	10,000	..	.65	..
"	10,000	..	.60	..
"	20,000	..	.55	..
"	40,000	..	.50	..
"	250,000	..	.45	..
All in excess of 340,000	..	..	.40	..

10 per cent discount for prompt payment.

St. Joseph, Mo.:

First	10,000 lbs. used in any month	\$1.00 per 1,000 lbs.		
Next	10,000	..	.80	..
"	10,000	..	.70	..
"	100,000	..	.60	..
"	100,000	..	.50	..
Excess	100,000	..	.40	..

Discount.

150,000 and less	10 per cent.
150,000 to 250,000	15 " "
250,000 to 350,000	20 " "
350,000 and over	25 " "

Additional discount of 10 per cent for prompt payment.

Erie, Pa.:

1st	10,000 lbs. used in any month	\$0.75 per 1,000 lbs.		
2d	10,000	..	.60	..
3d and 4th	10,000	..	.50	..
50,000 to 100,000	..	..	.45	..
100,000 lbs. and over	..	..	.40	..

5 per cent discount for prompt payment.

Seattle, Wash.:

1st	50,000 lbs. used in any month	\$0.60 per 1,000 lbs.		
All in excess in any month	..	..	.50	..
No discount. Minimum bill \$3.00.				

Harrisburg, Pa.:

40 cents per 1,000 net.

Sioux City, Ia.:

1st 10,000 lbs. used in any month	\$0.90 per 1,000 lbs.
2d 10,000 " "	.80 " "
3d 10,000 " "	.70 " "
4th 10,000 " "	.60 " "
Thereafter	.50 " "

Springfield, Ill.:

50 cents per 1,000 lbs.

Springfield, O.:

40 cents per 1,000 lbs.

Springfield, Mo.:

Same as Sedalia, Mo.

Peoria, Ill.:

1st 40,000 lbs. used in any month	\$1.50 per 1,000 lbs.
All excess	.50 " "
10 per cent discount.	

 No. 34.

In re VALUATION OF PROPERTY OF THE MANITOWOC WATER WORKS Co.

Under the provisions of the Public Utilities Law "the Commission shall value all the property of every public utility actually used and useful for the convenience of the public." This valuation was entered upon at the request of the city attorney of Manitowoc. The tentative valuation of the property, made by the engineer of the Commission, was mailed to the interested parties on Dec. 4, 1907. The first hearing was commenced on Jan. 21, 1908. A. L. Hougau appeared for the city of Manitowoc and M. G. Jeffris for the Manitowoc Water Works Co. Hearings were had on subsequent dates and the arguments on April 9, 1908. The matter of the valuation of water works plants and other utilities is before the Commission in a number of cases, and the decision in any particular case is being held, pending a full and complete investigation of the entire subject. This case is still pending.

No. 35.

In re APPLICATION WEST ALLIS GAS CO. FOR AUTHORITY TO PUT INTO EFFECT CERTAIN RATES.

On Dec. 24, 1907, the above named company asked for authority to put into effect certain rates for gas service in the city of West Allis, which rates amounted to a reduction in the existing schedule. Order issued on the same date, authorizing the putting in effect of the following rates, effective Jan. 1, 1908:

For the first 10,000 cu. ft. used during any one month through any one meter, a rate of \$1.10 per 1,000 cu. ft.; for any amount over 10,000 cu. ft. and up to 20,000 cu. ft. used during the same month through the same meter, a rate of \$1 per 1,000 cu. ft.; for any amount over 20,000 cu. ft. and up to 30,000 cu. ft. used during the same month through the same meter, a rate of 90 cts. per 1,000 cu. ft.; for all additional consumption over 30,000 cu. ft. used during the same month through the same meter, a rate of 70 cts. per 1,000 cu. ft.

A discount of 10 cts. per 1,000 cu. ft. will be allowed from the above rates, provided bills are paid on or before the last discount day printed on the bill. When so paid, the net rates will be as follows:

First 10,000 cu. ft. per mo.	\$1.00	per 1,000 cu. ft.	.
Next 10,000 " "	.90	" "	"
Next 10,000 " "	.80	" "	"
All over 30,000 " "	.60	" "	"

No. 36.

In re APPLICATION WAUWATOSA GAS CO. FOR AUTHORITY TO PUT INTO EFFECT CERTAIN RATES.

Application filed on Dec. 24, 1907, asking that the above named company be authorized to put into effect certain rates for gas service in the city of Wauwatosa, which rates amounted to a reduction in the existing schedule. On the date of the filing of the application an order was issued, authorizing the company to put into effect the following schedule, effective Jan. 1, 1908:

For the first 10,000 cu. ft. used during any one month through any one meter, a rate of \$1.10 per 1,000 cu. ft.; for any amount over 10,000 cu. ft. and up to 20,000 cu. ft. used during the same month through the same meter, a rate of \$1 per 1,000 cu. ft.; for any amount over 20,000 cu. ft. and up to 30,000 cu. ft. used

during the same month through the same meter, a rate of 90 cts. per 1,000 cu. ft.; for all additional consumption over 30,000 cu. ft. used during the same month through the same meter, a rate of 70 cts. per 1,000 cu. ft.

A discount of 10 cts. per 1,000 cu. ft. will be allowed from the above rates, provided bills are paid on or before the last discount day printed on the bill. When so paid, the net rates will be as follows:

First 10,000 cu. ft. per mo.	\$1.00	per M.	cu. ft.
Next 10,000 " "	.90	" "	" "
Next 10,000 " "	.80	" "	" "
All over 30,000 " "	.60	" "	" "

No. 37.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE RATES CHARGED BY THE KENOSHA GAS AND ELECTRIC CO.

On Jan. 16, 1908, the Commission, on its own motion, issued a notice of investigation of the rates charged by the above named company in the city of Kenosha, Wis.

This investigation was entered into for the reason that the complaint by the mayor of Kenosha did not give the Commission jurisdiction under the statute. The investigation is being conducted in connection with No. 27, and is still pending.

No. 38.

In re APPLICATION OF THE PORTAGE ELECTRIC LIGHT CO. FOR AUTHORITY TO CHANGE ITS RATES.

Submitted Jan. 29, 1908. Decided Feb. 3, 1908.

R. E. York for applicant.
No appearance in opposition.

A petition was filed, asking that certain rates for commercial lighting be changed, on the ground that the flat rates in force were discriminatory and contrary to law. Investigation showed valid reasons for a change in the schedule and that such change would be in the interests of both the company and the consumers; that the rates in effect are uneven and somewhat discriminatory. The petitioner is therefore authorized to discontinue its present schedule and to substitute the schedule herein ordered.

In the order the applicant was authorized to put into effect the following schedule:

Business Houses Using Light Until 10 and 12 O'clock.

First 30,000 watts.....	10 cts. per 1,000 watts
Second 30,000 watts.....	8 " " 1,000 "
Over 60,000 watts.....	6 " " 1,000 "

Business Houses Using Light Until 8 and 9 O'clock.

First 30,000 watts.....	10 cts. per 1,000 watts
Second 30,000 watts.....	9 " " 1,000 "
Over 60,000 watts.....	8 " " 1,000 "

Factory Lighting.

First 30,000 watts.....	12 cts. per 1,000 watts
Second 30,000 watts.....	11 " " 1,000 "
Third 30,000 watts.....	10 " " 1,000 "
90,000 to 200,000 watts.....	9 " " 1,000 "
200,000 to 400,000 watts.....	8 " " 1,000 "
Over 400,000 watts.....	7 " " 1,000 "

Halls, Churches, Lodge Rooms, School Houses, Residences.

First 30,000 watts.....	12 cts. per 1,000 watts
Second 30,000 watts.....	11 " " 1,000 "
Over 60,000 watts.....	10 " " 1,000 "

No. 39.

In re APPLICATION OF THE TOMAH ELECTRIC AND TELEPHONE CO.
FOR AUTHORITY TO INCREASE CERTAIN RATES.

Decided Mar. 13, 1908.

No appearances.

Application to increase rates to three hotels, two railway companies, and to ministers; and to reduce certain other rates. No affirmative action required on the part of the Commission with reference to reductions. The advances for which the application is made will remove unjust discriminations and are therefore granted, and a uniform schedule of rates is approved.

No. 40.

In re APPLICATION PORTAGE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Jan. 15, 1908, asking for authority to increase the telephone rates in the city of Portage, for the reason that the existing rates did not give the company a

sufficient return on its investment, and that it was necessary for the company to make a number of improvements. A hearing was held on Jan. 29, 1908. F. H. Runkel appeared for the applicant and no one appeared in opposition. Following this hearing the engineers of the Commission commenced a valuation of the property of the applicant. On April 13, 1908, an amended application was filed, asking for further increases in rates, on the ground that the company would be compelled to make important, expensive changes in its system. The hearing on the amended application and on the valuation of the plant was held on May 19, 1908. The decision of the Commission was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 41.

In re APPLICATION MENOMINEE & MARINETTE LIGHT & TRACTION
CO. FOR AUTHORITY TO EQUALIZE RATES.

Application filed on Jan. 2, 1908, by the above named company asking for authority to withdraw certain flat rates in effect for the furnishing of electric service in the city of Marinette, and to substitute a regular schedule, for the reason that the said flat rates were discriminatory, unequal and not based on any regular schedule of charges. This application was considered in connection with an investigation, on motion of the Commission, of the rates charged by the applicant. A valuation of the property of the applicant was made by the engineers of the Commission. The hearings on the case were continued from time to time on application of the parties and the case is still pending before the Commission. See Nos. 58 and 68.

No. 42.

CITY OF MARINETTE

vs.

CITY WATER CO.

Petition filed on Jan. 22, 1908, by the above named city through its mayor and city attorney, alleging that the rates charged by the above named respondent for the furnishing of

water to both public and private consumers in the city of Marinette were unjust, unlawful, excessive and discriminatory. The complaint necessitates the making of a valuation of the property of the respondent, which is being carried on by the engineers of the Commission, and the case is still pending.

No. 43.

CITY OF APPLETON

vs.

APPLETON WATER WORKS CO.

Petition filed on Jan. 23, 1908, by authority of the common council of the city of Appleton, alleging that the respondent is engaged in furnishing and delivering water in the city of Appleton; that such service is inadequate for fire protection and for the health, comfort and safety of said city and its inhabitants, and that the rates, charges and schedules exacted for such service were unreasonable and excessive.

The respondent, by way of answer, denied the allegations of the petition above set forth. The engineer of the Commission at once commenced a valuation of the property of the respondent, and investigations were had to determine the question of service and the quality of water supplied. The proceedings were had subsequent to the date of this report, and the matter is still pending.

No. 44.

In re APPLICATION WISCONSIN VALLEY IMPROVEMENT CO. FOR APPROVAL OF A SCHEDULE OF TOLLS.

Under the provisions of ch. 335, Laws of 1907, the Wisconsin Valley Improvement Co. was authorized to construct, acquire and maintain a system of reservoirs, located on the tributaries of the Wisconsin river, north of the south line of township thirty-four north, for the purpose of producing a uniform flow of water in the Wisconsin river and its tributaries, and thereby improving the navigation and other uses of said stream, and diminishing the injury to public and private property, and to construct, acquire and maintain the necessary dams, booms, sluiceways, locks and other structures in, along, or across such streams.

The company is given power to collect reasonable and uniform tolls from the owners of water powers benefited by such reservoirs in an amount that will cover the costs of operation and 6 per cent on the investment. Such tolls shall be fixed semi-annually by the Railroad Commission on or about January first and July first.

On Jan. 4, 1908, the company filed the statements required by law, including an estimate of expenditures for the six month period ending June 30, and a recommendation as to the amount of tolls that should be levied. Notice of hearing for Jan. 28, 1908, was sent to all parties interested. No objection being raised to the tolls as recommended by the company, the same were made effective by an order of the Commission, issued on Jan. 29, 1908.

No. 45.

In re APPLICATION CHETEK RURAL TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Jan. 30, 1908, praying for authority to increase the telephone rates charged by the applicant. The application was defective, in that it did not state the extent of the desired increase, and was returned to the secretary of the applicant, who failed to correct and return same to the Commission.

No. 46.

In re VALUATION OF THE PROPERTY OF THE MADISON GAS AND ELECTRIC Co.

A valuation of the property of this company was undertaken by the engineers of the Commission in connection with the complaint of the State Journal Printing Company et al. (see No. 2) and the application of the company for authority to equalize rates. (See No. 25.) The tentative valuation was completed and forwarded to interested parties on Feb. 1, 1908. The matter was noticed for hearing for Feb. 20, 1908. Hearings were held on this and subsequent dates, and a number of conferences were had between the representatives of the company and the engineers and experts of the Commission. At such hearings Emerson Ela represented the State Journal

Printing Company et al., J. A. Aylward, city attorney, represented the city of Madison, and Olin & Butler the company. The matter is still pending.

No. 47.

S. M. REINARDY ET AL.

vs.

WISCONSIN TELEPHONE CO.

Petition signed by twenty-five residents of the city of Burlington, and subscribers of the above named respondent, was filed on Feb. 7, 1908, alleging that during the year 1907 the petitioners were using in their respective residences and places of business and in connection with the telephone service supplied by the respondent, what are known as Blake transmitters; that they were notified that on or about Jan. 1, 1908, the Blake transmitters would be removed and replaced with another transmitter, at an advance in the rates to the petitioners; that the petitioners were well satisfied with the old system and that the proposed change amounted to an increase in rates without the consent of the Commission and without authority of law.

The respondent, by way of answer, alleged that it had been employing at said exchange the grounded circuit and the full metallic circuit; that the rates for the grounded circuit, such as that used by the petitioners, were lower than the rates for the full metallic service; that by reason of the increase in the business at the said exchange and the unsatisfactory service supplied by the grounded service, it became necessary to equip its entire system with full metallic service at the lower rate; that at the expiration of such contracts the petitioners were charged the lawful higher rate, in order to comply with the law and to avoid unjust discrimination; that the establishing of a uniform full metallic service was to the interest of all of the subscribers of the respondent, and that the rates charged by the respondent have at all times been just. As a part of such answer the respondent applied for authority to increase certain rates, on the ground that the present rates were not sufficiently remunerative.

This case involved a valuation of the property of the respondent at Burlington, which was made by the engineers of

the Commission. The proceedings were had subsequent to the date of this report and the decision will be found in the published Decisions of the Commission.

No. 48.

CITY OF VIROQUA

vs.

VIROQUA ELECTRIC LIGHT CO.

Petition filed Feb. 8, 1908, by the city of Viroqua, through its mayor and clerk, alleging that the respondent is engaged in furnishing electric light to the petitioner and to the residents of said city; that the voltage and current furnished by the respondent are irregular and at times grossly insufficient in amount, and its plant overloaded; that the rates charged are excessive and discrimination is shown in applying the same. At the request of the petitioner the case was held open, pending certain improvements which the respondent agreed to install.

No. 49.

In re APPLICATION CALUMET DAIRY CO. FOR AUTHORITY TO
OPERATE AN ELECTRIC LIGHTING PLANT.

An application signed by the Calumet Dairy Co. and addressed to the mayor and common council of the city of Chilton and the Railroad Commission was filed on Feb. 6, 1908, stating that neither the local company, the Public Service Co., nor any other person or company was furnishing electric service in the city of Chilton, and praying that an order or franchise be issued allowing the applicant to furnish municipal and commercial electric service in said city. The applicant was informed that in view of the fact that the Public Service Co., which had obtained an indeterminate permit, was not in actual operation, it was the unofficial opinion of the Commission that the city could grant this applicant a franchise without its having obtained a permit from the Commission. A notice of hearing was, however, issued, but the proceedings before the Commission have been dropped by the parties interested.

No. 50.

L. E. REED ET AL.

vs.

CITY WATER CO.

Petition signed by forty-one persons, firms and corporations of the city of Sheboygan was filed on Feb. 13, 1908, alleging that the rates charged and collected by the respondent for furnishing water in the city of Sheboygan were exorbitant and unreasonably and unjustly high. On May 21, 1908, an additional petition was filed, signed by more than seventy patrons of the respondent, which was identical with the original petition. A valuation of the property of the respondent is being made by the engineers of the Commission, and the case is pending.

No. 51.

In re APPLICATION EAU CLAIRE GAS LIGHT CO. FOR AUTHORITY TO ADJUST RATES.

Application filed on Feb. 19, 1908, by the Eau Claire Gas Light Company, praying that it be authorized to make certain adjustments in the rates for gas service in the city of Eau Claire. The material part of the application related to an adjustment in rates which would amount to a reduction. The Commission had previously ruled that an order need not be obtained from it to put in effect a reduction in rates. The portion of the application relating to an increase in rates was dropped.

No. 52.

In re STANDARDS FOR GAS AND ELECTRIC SERVICE IN THE STATE OF WISCONSIN.

Under the provisions of the Public Utilities Law it is the duty of the Commission to issue rules providing for uniform standards of service for public utilities. Extended investigations were carried on relating to such standards for gas and electric service. On Feb. 9, 1908, a notice was issued to all the gas and electric companies of the state, calling for a conference on standards for March 3. Such conference was held

on the 3rd and 4th. The rules for such service were issued subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 53.

FRANK KOHLMANN ET AL.

VS.

EASTERN WISCONSIN TELEPHONE CO.

Petition filed on March 4, 1908, signed by twenty-five residents of Sheboygan county, alleging that the above named respondent is engaged in furnishing telephone service to the public, particularly at the village of St. Cloud; that the petitioners maintain a rural telephone line connecting with the system of the respondent at St. Cloud; that the respondent demands that the petitioners replace the transmitter and receiver used by them with those furnished by the respondent, for which a rental shall be paid to the respondent; that, in the event the petitioners refuse to comply with the demand, the respondent would cut off its connection with the line of the petitioners; that such action on the part of the respondent is unreasonable and discriminatory. The usual notice of investigation was issued. On March 23, 1908, the Commission was notified that the respondent had agreed to withdraw its demand for a change in transmitters and receivers.

No. 54.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF THE
FREE AND REDUCED TELEPHONE SERVICE.

An examination of the schedules of telephone companies filed with the Commission, indicated that in numerous instances rates and practices were in effect that were contrary to law and discriminatory. On March 4, 1908, a circular letter was sent to all telephone companies of the state, newspapers, and city officials, calling for a conference to be held at Madison on March 24, to discuss the matter of free and reduced rate telephone service. Such conference was held and was largely attended. Investigations were carried on by the Commission and on June 12, 1908, a decision was handed down

setting forth certain rules and regulations, and requiring all telephone companies in the state to so adjust their schedules as to comply with same. Such decision can be found in the second volume of the Decisions of the Commission.

No. 55.

In re VALUATION OF THE PROPERTY OF THE RIPON LIGHT AND WATER CO.

The valuation of the property of the above mentioned company was undertaken in connection with the complaint of the city of Ripon. (See No. 19.) The tentative valuation of the engineers of the Commission was sent out on Feb. 18, 1908. The hearings were held in connection with the above mentioned complaint, and the matter is still pending.

No. 56.

In re APPLICATION MICHIGAN STATE TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Application filed on Feb. 16, 1908, by the above named company, praying for authority to increase the toll rates from Florence, Niagara and Spread Eagle to Menominee and Ironwood in the state of Michigan, on the grounds that the existing schedule was based on the county boundary lines and was discriminatory. The application was set for hearing for April 21, 1908. Prior to the date of hearing the application was withdrawn.

No. 57.

In re APPLICATION OF THE LA CROSSE TELEPHONE CO. FOR AUTHORITY TO INCREASE CERTAIN RATES AND CHARGES AND TO ABOLISH CERTAIN DISCRIMINATIONS.

Submitted April 21, 1908. Decided June 12, 1908.

W. F. Goodrich for applicant.
No appearance for opposition.

Application of the La Crosse Telephone Co. for authority 1, to discontinue its six-party business service and rate; 2, to increase its charge for moving telephones from \$1.00 to \$2.00

for each installation above that provided for in subscribers' contracts; 3, to advance its toll rate from 10 cts. to 15 cts. per call.

Held: That 1. and 3. be granted in order to remove discriminations, improve the service and diminish the deficit on the toll business. The second prayer in the petition is denied.

No. 58.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF ELECTRIC SERVICE RATES OF THE MENOMINEE & MARINETTE LIGHT & TRACTION CO.

This investigation was instituted on motion of the Commission by the issuing of a notice of investigation on March 24, 1908. The company had previously filed an application (see No. 41), praying that certain specified rates and charges for electric light and power, in effect in the city of Marinette, be changed, and alleging that such rates were discriminatory, unequal, and not based on any regular schedule of charges. The common council of the city of Marinette passed and filed with the Commission a resolution asking that a decision on the above application be deferred until such time as the Commission shall be in position to order substitution of reasonable rates in all cases.

This case is being considered in connection with the said application and the matter of the valuation of the property of the company, and is still pending.

No. 59.

In re APPLICATION OF THE RHINELANDER MUTUAL TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Submitted April 21, 1908. Decided June 3, 1908.

Application for authority to increase certain rates of the Rhinelander Mutual Telephone Co. An examination of the applicant company's business shows that the rates at present in effect yield sufficient revenue to pay nearly 10 per cent on the investment in addition to operating expenses, taxes and a depreciation fund of 10 per cent.

Held: That the application should be denied. However, a valuation of the company's property will be made in the near future, and if such valuation should indicate a different conclusion, such other action will be taken with reference to this application as the additional facts may warrant.

No. 60.

DOUGLAS COUNTY

vs.

DOUGLAS COUNTY TELEPHONE CO.

Petition filed on March 23, 1908, by Douglas county, through its district attorney, alleging that prior to Jan. 1, 1908, the respondent charged and collected from the petitioner a rate of \$30 per year for each telephone used in the county offices in the city of Superior; that, commencing with said date, the respondent demanded that the petitioner pay telephone rental at the rate of \$54 per year per telephone; that such rate is unreasonable, unjust and discriminatory. The case was set for hearing for April 25, 1908, and continued from time to time by stipulation of the parties, and is still pending.

No. 61.

E. G. ROSS ET AL.

vs.

BURKHARDT MILLING & ELECTRIC POWER CO.

Petition filed on March 25, 1908, signed by twenty-five residents of the city of Hudson, alleging that the respondent is engaged in supplying electric service in said city; that the rates charged for such service are excessive, unreasonable and discriminatory; that the service is of poor quality and not in accordance with the franchise granted to said respondent. This case involved a valuation of the property of the respondent and an investigation of the service by the experts of the Commission. The proceedings were had subsequent to the date of this report and the decision will be found in the published Decisions of the Commission,

No. 62.

In re APPLICATION OF THE ETTRICK TELEPHONE CO. FOR AUTHORITY TO INCREASE RATES.

Decided May 23, 1908.

No appearance for or against.

Application of the Ettrick Telephone Company for authority to increase certain rates.

Held: That an examination of the financial statement of the applicant company filed with the Commission, shows that the rates at the present time in effect are entirely inadequate for the successful operation and proper maintenance of the plant, and that, therefore, the advance asked for should be granted. It is further suggested that the advance in rates herein granted will probably be too low for proper operation and maintenance.

The applicant was authorized to put in effect the following rates:

Stockholders, \$4.00 per year.

Toll messages, 10 cts. per message.

Stockholders, having use for two or more instruments, the rental of company's lines at \$6.00 per year with provisions as follows: To furnish their own instruments, keep same in repair, to furnish poles, wire, material and labor necessary to connect to company's lines.

Instruments in school houses free of rent.

No. 63.*In re* VALUATION OF THE PROPERTY OF THE WISCONSIN TELEPHONE CO.

This valuation covers the property of the Wisconsin Telephone Co. in the city of Marinette, and was made in connection with the complaint of E. E. Payne et al. (Sec No. 1.) The tentative valuation was forwarded to the interested parties on Dec. 28, 1907. Hearings were held commencing on Feb. 13, and arguments were heard on April 8, 1908. The matter is still under consideration by the Commission.

No. 64.

CITY OF DODGEVILLE

vs.

DODGEVILLE ELECTRIC LIGHT & POWER CO.

Submitted May 4, 1908. Decided June 2, 1908.

J. G. Smelker for petitioner.

A. Jenks for respondent.

The complaint in this case alleges, in substance, that the rates charged by the respondent for furnishing street lighting for the petitioner are unreasonably high; and that the service rendered generally by the respondent's plant in connection with the furnishing of electric current for the purpose of lighting is inadequate and poor. Upon hearings and investigation it was found, that under the conditions which now obtain, this Commission would not be warranted in ordering any reduction in the rates complained of, or in requiring any extensive additions to or improvement in the respondent's plant and the services rendered by the same.

Held: That the complaint should be dismissed.

The physical valuation of the property involved, considered by the Commission, was as follows:

	New.	Existing.
OWNED BY THE DODGEVILLE ELECTRIC LIGHT AND POWER COMPANY.		
Property used for street lighting	\$5,691	\$1,917
Property used for commercial lighting	9,351	6,908
Property used for pumping	1,988	1,671
Total	\$16,949	\$12,496
OWNED BY THE CITY OF DODGEVILLE.		
Property used for street lighting	\$1,246	\$664
Property used for commercial lighting	1,747	928
Property used for pumping	5,205	2,724
Total	\$8,198	\$5,356
SUMMARIES.		
Property used for street lighting	\$6,847	\$4,581
Property used for commercial lighting	11,098	7,836
Property used for pumping	7,193	5,435
Total	\$25,138	\$17,852

No. 65.

In re APPLICATION OF THE CEDAR FALLS TELEPHONE CO. FOR
AUTHORITY TO INCREASE RATES.

Application filed on April 3, 1908, by the above named applicant, which operates a telephone system in Washington county with exchange located at Schleisingerville, asking for authority to increase its rates, for the reason that it proposed to cut down the number of its subscribers on each of its rural lines from fifteen-to-eighteen to twelve, and in the village to individual lines, and to improve its system by installing new, improved instruments.

The hearing was held on April 21, 1908. C. A. Silkworth appeared for the applicant and no one appeared in opposition. The application is still pending.

No. 66.*In re* VALUATION OF THE PROPERTY OF THE ASHLAND WATER
WORKS Co.

This valuation was undertaken in connection with the complaint of the city of Ashland involving the rates and service of the above named company. (See No. 21.) The tentative valuation was forwarded to the interested parties on April 21, 1908. The hearing was held on June 24, 1908. F. T. Colignon, city attorney, represented the city, and Tomkins & Tomkins and Lamoreux & Shea the company. The matter is still pending.

No. 67.*In re* APPLICATION OF MANITOWOC GAS CO. FOR AUTHORITY TO
CHANGE RATES.

Application filed on April 9, 1908, praying that the applicant be authorized to equalize its rates by reducing the rate charged for illuminating gas to the rate charged for fuel gas, which is \$1.00 per 1,000 cubic feet, if bill be paid before the 10th of the month; also to put in effect a meter charge of 25 cts. The application necessitated the making of a valuation of the property of the applicant, which was entered upon by

the engineers of the Commission. The proceedings were had subsequent to the date of this report, and the decision will be found in the third volume of the published Decisions of the Commission.

No. 68.

In re VALUATION OF THE ELECTRIC LIGHT PLANT OF THE MENOMINEE & MARINETTE LIGHT & TRACTION CO.

This valuation was undertaken in connection with the application of the above named company for authority to change rates, and an investigation of its rates on motion of the Commission. (See Nos. 41 and 58.) The tentative valuation made by the engineer of the Commission was forwarded to the interested parties on April 9, 1908. Further proceedings were had subsequent to the date of this report.

No. 69.

In re VALUATION OF THE PROPERTY OF THE ASHLAND LIGHT, POWER AND STREET RAILWAY CO.

Valuation undertaken in connection with the complaint of D. C. Canty et al. against the above named company. (See No. 28.) The tentative valuation was completed and forwarded to the interested parties on April 21, 1908. Further proceedings were had subsequent to the date of this report.

No. 70.

In re APPLICATION OF THE PEOPLES TELEPHONE CO. OF DANE COUNTY FOR AUTHORITY TO INCREASE RATES.

Submitted April 21, 1908. Decided June 6, 1908.

C. F. Hunter for petitioner.

A. C. Hoppmann for opposition.

Application of the Peoples Telephone Co. of Dane county for authority to increase certain rates. The main point in the application is the request for permission to publish and charge an alternative rate of \$12.00 per year for exchange service only and a charge of 10 cts. additional for each toll

call, or a flat rate of \$15.00 per year for both exchange and toll service. Authority to put into effect the alternative rate is granted.

The order in this case is as follows:

IT IS THEREFORE ORDERED, That the Peoples Telephone Company of Dane county be and it hereby is authorized to charge the schedule of rates set forth in its application, as follows:

1. A rental charge of \$1.25 per month where subscribers wish to use the McFarland exchange and the Cottage Grove exchange without paying toll.

2. A rental charge of \$1.00 per month where subscribers wish to use the McFarland exchange only.

3. Toll charges between McFarland and Cottage Grove 10 cts. for each message of three minutes or less, and an additional charge of 5 cts. per minute for overtime.

4. Toll charges between McFarland and Madison 10 cts. for each message of three minutes or less, and an additional charge of 5 cts. per minute for overtime.

5. A charge of 5 cts. to be made for non-subscribers using the local exchange for each message of three minutes or less.

No. 71.

In re VALUATION OF THE PROPERTY OF THE DODGEVILLE ELECTRIC
LIGHT AND POWER CO.

Valuation made in connection with the complaint of the city of Dodgeville against the above named company. (See No. 64.) The tentative valuation was completed and forwarded to the interested parties on April 23, 1908. A statement of such valuation as considered by the Commission is printed in connection with the above mentioned case.

No. 72.

In re VALUATION OF THE PROPERTY OF THE SUPERIOR WATER,
LIGHT & POWER CO.

Valuation undertaken in connection with the application of the above named company for authority to increase rates, and the complaint of the city of Superior as to the rates in force. (See Nos. 22 and 23.)

The tentative valuation was completed on March 15, 1903. By stipulation the hearings were continued from time to time, and the matter is still pending.

No. 73.

WISCONSIN TELEPHONE CO.

vs.

CITY OF GREEN BAY.

Petition filed by the Wisconsin Telephone Co. on May 4, 1908, alleging that it owned and operated a telephone system in the city of Green Bay, together with toll line connections; that on March 6, 1908, the common council of said city passed an ordinance, under the terms of which the petitioner was directed to place under ground its wires on North and South Broadway in said city, for a distance of sixty-six hundred feet. The prayer of the petition is, that the ordinance be set aside as unreasonable and void. The proceedings were had subsequent to the date of this report, and the decision will be found in the published Decisions of the Commission.

No. 74.

CITY OF БЕЛОIT

vs.

BELOIT WATER GAS & ELECTRIC CO.

Petition filed on May 15, 1908, signed by the mayor, city clerk and entire common council of the city of Beloit, alleging that the above named respondent is engaged in furnishing water, gas and electric light in said city; that the respondent refuses to install water meters unless a minimum rate of \$12.00 per year is paid, which rate is excessive; that it unlawfully and unreasonably exacts payments of water rents quarterly in advance and imposes a penalty for non-payment within a certain time; that it discriminates in favor of certain consumers of water; that the water rates and gas rates are excessive and unreasonable, and that the gas furnished is adulterated and of a poor and inferior quality. The matter was pending at the date of this report.

No. 75.

In re INVESTIGATION, ON MOTION OF THE COMMISSION, OF METER REGULATIONS OF THE HUDSON WATER WORKS.

On May 26, 1908, H. C. Cuddebach of Hudson filed a complaint alleging that the water board of the city of Hudson had

established and published a rule, that no water meter of a lower standard than the Empire should be installed for the purpose of measuring water furnished by the municipal water works plant; that in conformance thereto certain consumers had been ordered to replace Niagara meters with Empire meters; that such rule was unreasonable and unjust.

On June 15, 1908, the Commission, on its own motion, issued a notice of investigation based on the above mentioned complaint. The proceedings were pending on the date of this report.

No. 76.

CITY OF RACINE

vs.

RACINE GAS LIGHT CO.

Petition filed on May 21, 1908, by the city of Racine through its city attorney, alleging that the rates charged for gas by the respondent in the city of Racine were excessive and unreasonable, and praying that such rates be investigated, and that the respondent be required to furnish meters that will accurately register the amount of gas consumed, and that it be ordered to charge but one rate for gas whether it be used for fuel or lighting purposes. This petition necessitated a valuation of the property of the respondent, which was commenced by the engineers of the Commission, and an investigation of the gas service, which is being made by the Commission's experts. The case is still pending.

No. 77.

In re VALUATION OF THE PROPERTY OF THE BERLIN LIGHT, HEATING AND POWER CO.

Under the provisions of sec. 1797m-5, of the Public Utilities Law, it is made the duty of the Commission to value the property actually used and useful for the convenience of the public of every public utility of the state. The above named company was placed in the hands of a receiver, and the receiver requested the Commission to make a valuation to be used as a basis for effecting a reorganization of the company. Such valuation was compiled and issued on May 27, 1908.

A summary of such valuation is as follows:

TENTATIVE VALUATION OF PHYSICAL PROPERTY.

Report of Engineer to Railroad Commission of Wisconsin.

GROUP.	CLASSIFICATION.	HEATING.		LIGHTING.		TOTAL.	
		New	Exist- ing.	New	Exist- ing.	New	Exist- ing.
1	Land	\$506	\$506	\$1,794	\$1,794	\$2,300	\$2,300
2	Track and Track Structures						
3	Cars and Car Equipment						
4	Distribution System	16,389	15,734	27,781	21,737	44,212	37,497
5	Power Plant Equipment	8,332	5,142	35,454	31,121	43,786	36,263
6	Buildings and Miscellaneous Structures	1,353	1,068	4,846	3,824	6,199	4,892
7	Office Furniture and Appliances	120	90	426	320	546	410
8	Tools, Implements and Machin- ery	96	52	136	78	192	104
9	Horses, Wagons and Miscel.....	323	290	322	290	645	580
	Total Items 1-9	\$27,119	\$22,892	\$70,761	\$59,164	\$97,880	\$82,046
10	Add 12 per cent (See note below).	3,254	2,746	8,491	7,100	11,745	9,846
	Total of Items 1-10	\$30,373	\$25,638	\$79,252	\$66,264	\$109,625	\$91,892
11	Stores and Supplies	416	392	9,474	3,929	9,890	4,321
	Total Items 1-11	\$30,789	\$26,020	\$88,726	\$70,193	\$119,515	\$96,213
12	Paving						
	Total Items 1-12	\$30,789	\$26,020	\$88,726	\$70,193	\$119,515	\$96,213

NOTE: Addition of 12 per cent to cover engineering, superintendence, legal expenses, interest during construction, contingencies, etc.

No. 78.

In re APPLICATION CHETEK LIGHT & POWER CO. FOR AUTHORITY
TO INCREASE RATES.

Application filed on June 1, 1908, praying that the above named company be allowed to increase its rates for electric lighting, on the ground that the schedule in effect was unjust between consumers and to the company. The hearing was held on June 23, 1908. W. J. Gavin appeared for the applicant, and B. L. Eighmy appeared in opposition to the granting of the application.

The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 79.

In re APPLICATION OF THE VILLAGE OF CASHTON FOR A CERTIFI-
CATE OF PUBLIC CONVENIENCE AND NECESSITY.

Petition filed on June 11, 1908, by the village of Cashton, through the president and clerk of the village board, praying

that a certificate of public convenience and necessity issue to the petitioner to construct and operate a municipal electric lighting plant, and resume the operation of its water works plant. The village having contracted with the local utility to operate its water works plant and such utility having surrendered its franchise and obtained, by operation of law, an indeterminate permit.

The hearing was held on June 23, 1908. Higbee & Higbee appeared for the applicant, and Masters, Graves & Masters appeared in opposition. The decision was rendered subsequent to the date of this report and will be found in the second volume of the Decisions of the Commission.

No. 80.

In re VALUATION OF THE PROPERTY OF THE CHIPPEWA FALLS
WATER WORKS AND LIGHTING CO.

Valuation made in connection with the complaint of T. J. Cunningham et al., and the investigation of the rates of the above named company on motion of the Commission. (See Nos. 18 and 31.) The tentative valuation was forwarded to the parties interested on June 18, 1908. Further proceedings in the case were had subsequent to the date of this report.

No. 81.

In re VALUATION OF THE PROPERTY OF THE WISCONSIN TELEPHONE
CO. AT BURLINGTON.

Valuation of the Burlington exchange of the Wisconsin Telephone Co., undertaken in connection with the complaint of S. M. Reinardy et al. against said company. (See No. 47.) The tentative valuation, made by the engineers of the Commission, was forwarded to the interested parties on June 29, 1908. Further proceedings were had subsequent to the date of this report.

No. 82.

In re VALUATION OF THE PROPERTY OF THE APPLETON WATER
WORKS CO.

Valuation undertaken in connection with the complaint of the city of Appleton, involving the rates and service of the

above named company. (See No. 43.) On June 12, 1908, a notice was issued setting the hearing on such valuation for July 9. Further proceedings were had subsequent to the date of this report.

No. 83.

In re VALUATION OF THE PROPERTY OF THE PORTAGE TELEPHONE Co.

Valuation made in connection with the application of the above named company for authority to increase rates. (See No. 40.) The tentative valuation made by the engineers of the Commission was forwarded to the interested parties on June 18, 1908. Further proceedings were had subsequent to the date of this report.

PART IV.

Informal Railroad Matters

FROM JULY 1, 1907 TO JUNE 30, 1908.

No. 980.		July 1, 1907.
<i>C. W. Rickman,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Grand Rapids, Wis.</i>		

WAREHOUSE SITES.

The complainant alleged that he applied to the railway company for the lease of a site for a warehouse at Kellner, Wisconsin, and was informed that it would not lease the ground for a period longer than five years, and would give no assurances that the lease would be renewed. The matter was submitted to the officials of the company, who replied that all their leases had similar provisions and that no dissatisfaction on the part of lessees had ever arisen.

A copy of the railway company's letter was sent to the complainant, and as nothing further was heard from him the matter is closed.

No. 981.		July 1, 1907.
<i>John Mollinger,</i>	<i>vs.</i>	<i>T. M. E. R. & L. Co.</i>
<i>Milwaukee, Wis.</i>		

COMPLAINT CONCERNING DEFECTIVE TRACKS.

The complainant, by Nohl, Nohl, Poss & Mangan, his attorneys, complained that the trains of the T. M. E. R. & L. Co.

on its National Avenue line in the city of Milwaukee, were unnecessarily noisy. The matter was submitted to the officials of the company, who explained that the noise was due to defective frogs; that new frogs had been ordered, but there had been a delay on the part of the manufacturers in the shipment thereof, and that as soon as they were received they would be installed.

The Commission has since been informed that the trouble has been remedied.

No. 982.		June 29, 1907.
<i>Alvin F. Rote,</i>	<i>vs.</i>	<i>I. C. R. R. Co.</i>
<i>Monroe, Wis.</i>		

JOINT USE OF SPUR TRACK.

Complainant alleged that the city council of Monroe granted to the Illinois Central R. R. Co. the right of way for a spur track from the western end of Monroe to the heart thereof, but that the Illinois Central R. R. Co. refuses to permit the C. M. & St. P. Ry. Co. to run its cars upon that track.

The question herein is the same as that involved in the complaint of *Harvey Clark v. the C. M. & St. P. R. Co.*, 1 W. R. C. R., pp. 590 and 733, heretofore decided by this Commission, which matter was appealed to the circuit court of Dane county and is now pending. Complainant was informed of this and advised that, if he desired to press the matter, a formal complaint should be filed. Nothing more having been heard from him, the matter is regarded as closed.

No. 983.	July 2, 1907.
<i>Southern Wisconsin Ry. Co.</i>	
SERVICE.	

A verbal complaint was made to the Commission that in Madison the Wingra Park car of the above named company did not go farther than the capitol square, that no transfers were given, and that no notice of such a change in the regular schedule had been made. As a consequence, it was alleged, several people failed to make train connections.

The officials of the traction company explained that during certain hours of the day in question, in order to accommodate the "circus crowd," the regular schedule was partially interrupted, but that only so much delay was occasioned as was

necessary to transfer passengers from one car to another, and that the company had no knowledge of the failure to give transfers.

No. 984. July 5, 1907.
John Frey, *vs.* *W. C. Ry. Co.*
Medford, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complainant averred that he was unable to secure cars for the shipment of lumber, and suggested that railway companies be compelled to keep records of applications by shippers for empty cars for loading.

He was informed that an order to this effect had heretofore been issued by the Commission and that it is believed the railroad companies are keeping such records.

No. 985. July 2, 1907.
Burlington Advancement Association *vs.* *W. C. Ry. Co.*
Burlington, Wis. *C., M. & St. P. Ry. Co.*

ALLEGED INADEQUATE SHIPPING FACILITIES.

The complainant herein, through its secretary, George W. Waller, sought to have the Commission enforce junctional connections between the two roads complained against for the transfer of freight. The complainant was advised of the law governing the case and was advised that he should file a formal complaint.

No. 986. July 2, 1907.
J. T. Groff,
Burlington, Wis.

EXTENSION OF TIME OF COMMUTATION TICKETS.

The question raised in this inquiry was as to whether the railroads were within their rights under the Railroad Commission Law in extending the time of commutation tickets, it having been alleged that the company complained of had refused to extend the time of a commutation ticket on the ground that such practice was prohibited by the law.

Held: That if the tariffs, rules or regulations of the company provide for the extension of time of such tickets, they could be extended, but if they contained no such provision, the

tickets could not be extended; that the matter was one under the jurisdiction of the Commission, and if formal complaint was made that the time of such tickets should be extended, the matter would be considered.

No. 987.

July 5, 1907.

Wisconsin & Northern R. R. Co.

EMERGENCY RATES.

The railroad company above mentioned, by telegram, asked to have approved, effective immediately, a rate on pulp wood from sidings between Crandon and W. & N. Jct. to Appleton, moving over the Wisconsin & Northern, the "Soo," and the C. M. & St. P. railways.

Application approved.

No. 988.

July 3, 1907.

Stanley, Merrill & Phillips Ry. Co.

EMERGENCY RATES.

The above mentioned railway company applied for authority to issue, effective at once, G. F. D. No. 147, a local tariff on ties in carload lots, from Jump River to Hannibal, naming a rate of 5 cts. per tie, minimum carload of 300 ties.

Application approved.

No. 989.

July 10, 1907.

Wisconsin Central Ry. Co.

COLLISION NEAR LOMIRA.

On June 25, 1907, W. C. passenger train No. 11 collided with an extra freight train, south, at Lomira. The railway officials investigated the cause of the accident and the damages and fatalities that resulted therefrom, and made a complete report to the Commission. The blame was fixed upon the engineer of the freight train and he was promptly discharged.

No. 990.

July 11, 1907.

*Oshkosh Grass Matting Co.,
Oshkosh, Wis.*

vs.

W. C. Ry. Co.

ALLEGED EXCESSIVE RATES.

1. Complaint alleging excessive rates on wire grass, from Montello and Fremont to Oshkosh, as compared with rates on baled hay between same points.

2. Complaint alleging that the through passenger rates from Oshkosh to Wyoming, Minn., are in excess of the rates from Oshkosh to State Line and from State Line to Wyoming, Minn., and that the railway company refused to check baggage through.

Held: 1. That the rates on wire grass have been heretofore informally before the Commission and that no adjustment was arrived at, and formal complaint should be filed.

2. That the passenger rates and question of the movement of baggage from Oshkosh to Wyoming, Minn., relate to interstate commerce and as such are outside the jurisdiction of this Commission.

No. 991.

July 11, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY RATES.

The above mentioned railway company applied for authority to issue, effective at once, a tariff naming rate of $3\frac{3}{4}$ cts. per 100 lbs. on pulp wood from Ashland to Eau Claire, the same rate having already been in effect from Washburn, Bayfield and Ashland Junction, and it having been the intention of the railway company to include Ashland in the territory covered by the tariff, but Ashland having been erroneously omitted.

Applicant also asked for authority to refund to a shipper on the basis of the $3\frac{3}{4}$ cts. per hundred.

The application for authority to issue the tariff in question was approved, but the Commission had no jurisdiction to grant authority to make the refund. The law relating to refunds has since been amended. Sec. 1797—37m, Laws of 1907.

No. 992.

*A. E. Winter et al.,**Green Bay, Wis.*

Formal complaint filed. See pages 88, 89.

No. 993.

July 5, 1907.

*P. J. Dembach,**New London, Wis.***RATES.**

Inquiry concerning the rates on cabbage and potatoes. Information was given as to the rates and regulations in force.

No. 994.

July 11, 1907.

*Chicago, St. Paul, Minneapolis & Omaha Ry. Co.***EMERGENCY RATES.**

The C. St. P. M. & O. Ry. Co. applied for authority to re-issue its tariff. G F. D. 74-1907, effective three days after filing.

Application approved.

No. 995.

July 13, 1907.

*Wisconsin Central Ry. Co.***EMERGENCY RATES.**

Application for authority to issue, effective immediately, passenger tariff reducing certain intra-state rates.

Application approved.

No. 996.

July 12, 1907.

*Brown & Wellzin,**vs.**C. & N. W. Ry. Co.**For the Village of Mt. Horeb,**Mt. Horeb, Wis.***ALLEGED DANGEROUS CROSSING.**

Complainants presented a petition, signed by some seventy or more citizens of Mt. Horeb, urging the Commission to compel the railway company to put in an overhead crossing or viaduct over their tracks at the crossing of such tracks and the principal business street in the village. The jurisdiction of the Commission was explained to complainants and the matter was taken up informally with the officials of the railway company, resulting in a conference between the parties. As nothing further has been heard from them, the matter is closed.

See informal complaint No. 1111, *Village of Mt. Horeb v. C., M. & St. P. R. Co.*

No. 997. July 13, 1907.
J. P. Dysert, vs. *T. M. E. R. & L. Co.*
Milwaukee, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

Complaint alleging that the T. M. E. R. & L. Co. does not maintain a waiting room at the intersection of 52nd avenue and Wells street in the city of Milwaukee, the junction of the Wauwatosa and Waukesha lines, and that passengers were compelled to wait in the rain for 20 minutes to make connections, whenever a car was a few minutes late.

The Commission, believing that a readjustment of the schedule, compelling a longer wait for connections when cars are delayed, might solve the difficulty, the company was therefore requested to hold the cars for at least five minutes to make connection.

No further complaint has been received.

No. 998. July 15, 1907.
Great Northern Ry. Co.
INTERLOCKING PLANTS.

Application for approval of the Commission of the interlocking plant at South Superior, which was to be put into operation the following day.

Application approved.

No. 999. July 18, 1907.
In re GROUP RATES ON LUMBER.

A number of formal cases having come before the Commission in which group rates on lumber had an important bearing, therefore an informal investigation was undertaken. Circular letters were sent to a large number of shippers throughout the state, inviting the expression of opinions on the following subjects: Whether or not shippers had objections to rates now in effect relating to—

“1. Group rates on lumber for shipment to lake ports and other more distant markets.

“2. Group rates on lumber for local shipments, more especially for shipments between points in one group to points in another group.

"3. Any other suggestion which may be offered in favor of or against the present group system."

The replies indicated that only two out of the twenty-five replies received objected to the present system, one offering minor objections and the other expressing the opinion that the present system might be discriminatory. The other twenty-three favored a continuation of the present system without material modifications.

No. 1000.

July 17, 1907.

La Crosse & South Eastern Ry. Co.

EMERGENCY RATES.

Request for authority to issue a one fare rate, Viroqua to Coon Valley, for a Sunday school excursion.

Application approved.

No. 1001.

John Campbell,

Barneveld, Wis.

Formal complaint filed. See p. 96.

No. 1002.

July 16, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

ALLEGED OVERCHARGE.

In the above entitled matter the White River Lumber Co. shipped fourteen cars of logs from Forest City to Bibon; there being no facilities for weighing the shipment, it was billed at marked capacity of car. The shipper alleged an overcharge and demand was made on the railway company for a refund.

Upon investigation it appeared that the entire shipment sealed 68,876 feet, log measure, and that 10 lbs. per foot was a reasonable estimate of the weight of logs of the character in question, and the railway company was advised that there was no objection to making the refund on that basis.

No. 1003.

May 6, 1907.

Crivitz Paper & Pulp Co. vs. *C., M. & St. P. Ry. Co.*
Crivitz P. O., Ellis Jct., Wis.

ALLEGED DISCRIMINATION IN RATES.

Complainant alleged that the rates on wood pulp from Ellis Jct. to Green Bay are too high as compared with rates in force from Appleton and Kaukauna to Green Bay.

The officials of the respondent company informed the Commission that the tariff department of the road considered the present rate adjustment fair and equitable, and that they would stand ready to defend it in an investigation. A formal complaint blank was sent to the complainant, and as nothing further was heard, the matter is closed.

No. 1004.

July 17, 1907.

Southern Wisconsin Cheese Men's Protective Association.

REQUEST FOR LOWER RATES.

The association addressed a verbal request to the Commission, urging it to use its influence to have the railways put into effect the Milwaukee rates on cheese shipped to Chicago from the southwestern Wisconsin dairy region, as recommended in an early decision of the Commission.*

The railways protested that the present adjustment was equitable and declared themselves ready to defend the present schedules. The matter at issue involved interstate commerce, and complaint was filed with the interstate commerce commission.

This is still pending.

No. 1005.

July 16, 1907.

C. H. Hoton, vs. *C. & N. W. Ry. Co.*
Camp Douglas, Wis.

ALLEGED EXCESSIVE RATES.

The complainant called into question the reasonableness of the rates on coal from Milwaukee to Camp Douglas. The matter was taken up informally with the railway company, resulting in an agreement on its part to amend the tariffs immediately

*See *So. Wis. Cheesemen's P. A. v. C. & N. W. Ry. Co.* 1 W. R. C. R. 143.

and make a rate of \$1.00 from Milwaukee, which was satisfactory to the complainant.

No. 1006.

July 22, 1907.

Green Bay & Western R. R. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

Through its general passenger agent, the above company asked for permission to make a refund of passenger fare to the amount of \$2.30, charged two passengers from Green Bay to Algoma. The passengers in question had limited time tickets and missed the last train on which the same were valid, because of a change in the schedule made without notice.

Held: The proposition being purely a legal one should be handled by the legal department of the company.

No. 1007.

July 19, 1907.

Reinhart Brothers, *vs.*
Algoma, Wis.

G. B. & W. R. R. Co.

ALLEGED DISCRIMINATION IN RATES.

In the above entitled matter the minimum charge on package freight from Chicago to Algoma was complained of. It was pointed out by complainants that Kewaunee, similarly situated, took a rate of 25 cts., as compared with a 50 ct. rate to Algoma. The railroad officials, on having their attention called to the inequality, immediately issued a tariff putting Algoma on the same basis, which was satisfactory to the complainants.

No. 1008.

A. H. Rumrill,

Formal complaint filed. See p. 87.

No. 1009.

July 24, 1907.

William B. Thilen, *vs.*
R. F. D. 1, Racine, Wis.

C. & N. W. Ry. Co.

FARM CROSSINGS.

The complainant, a farmer residing near Ivers station on the above named railway, complained that two crossings over the

company's tracks, from one part of his farm to another, were of such a steep grade as to be dangerous. The attention of the company was called to the complaint, whereupon improvements were made satisfactory to the complainant.

No. 1010.		July 19, 1907.
W. M. Curtis,	vs.	C. & N. W. Ry. Co.
Trevor, Wis.		

TRAIN SERVICE.

Complainant, on behalf of the Kenosha Old Settlers' Society, had requested special train service for July 4, for the annual picnic at Salem. The company replied that it would be impossible to arrange for any extra service on that date, as all its extra equipment would be in demand to handle the business on regular trains on that day. After some correspondence between the Commission and the parties, the date of the picnic was changed and the railway company arranged to give the service asked for.

No. 1011.
Greater Milwaukee Association.
Transferred to informal utility case No. 2.

No. 1012.
John B. Gruber & Co.
Formal complaint filed. See p. 90.

No. 1014.		July 26, 1907.
Vaughn Manufacturing Co.,	vs.	C. & N. W. Ry. Co.
Jefferson, Wis.		

ALLEGED OVERCHARGE.

The complainant shipped a carload of harrows to Iowa Falls, Iowa, and alleged that the weight charged by the company was excessive. The company's weight was 24,900 and the check weight was 22,850.

After an extended correspondence the company offered to adjust on the basis of 23,814 lbs. The matter being outside the jurisdiction of the Commission, the complainant was so advised.

No. 1015.

July 25, 1907.

Stanley, Merrill & Phillips Ry. Co.

APPLICATION FOR AUTHORITY TO REFUND.

In issuing the tariff on bolts from stations on its line to Owen, the company did not provide for less than 60,000 lbs. minimum where a car of a smaller capacity was furnished. Shortly after the publication of the tariff a car of 50,000 lbs. capacity was furnished and the contents of the same estimated at 47,000 lbs. The company asked for authority to adjust on the basis of the marked capacity of the car.

Held: The Commission has no jurisdiction in matters of this kind, except under the provisions of ch. 582, Laws of 1907, which became effective too late to be applied in the case under consideration.

No. 1016.

July 2, 1907.

*M. Lapidus & Co.,
Neenah, Wis.*

vs.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The above entitled matter relates to the charge made for transporting a shipment of apples from a point in Missouri to Neenah, Wis. The complainant was advised of the rates in effect between the points in question, and that the matter was outside the Commission's jurisdiction.

No. 1017.

July 13, 1907.

*William J. Wagstaff,
Oshkosh, Wis.*

WEIGHING OF CARLOAD FREIGHT.

The complainant addressed an inquiry to the Commission as to what steps could be taken to hasten the settlement of claims of shippers against railway companies on account of incorrect weights, and was advised that the Railroad Commission Law had been amended, having been changed, giving the Commission jurisdiction over railway scales and weights, but that claims against railway companies, like other claims, are subject to the exclusive jurisdiction of the courts.

No. 1018.

July 29, 1907.

*Wisconsin Horse Breeders' Association,
Janesville, Wis.*

ALLEGED DISCRIMINATIONS.

Complaint was made, that while the Wisconsin railways charge only half rates on cattle, sheep and hogs going to and returning from the state fair, horses are charged full rates both ways, and that this amounts to a discrimination against horses.

Held: That sec. 8 of the Railroad Commission Law exempts freight carried to or from fairs and expositions for exhibition thereat from its requirements, and therefore the railway companies were free to make such charges relating thereto so long as their rates do not exceed the rates charged the general public for such service, and so long as they do not discriminate between individual shippers.

No. 1019.

July 29, 1907.

*R. H. Burr,
Kenosha, Wis.*

COMMUTATION TICKETS.

Complainant desired to be informed whether a railway company would be obliged to give notice of its withdrawal of commutation tickets between Chicago and Kenosha and Racine and Milwaukee.

Held: The withdrawal of commutation tickets amounts to a change in rates, and notice of all changes in rates must be given by filing in the office of the Railroad Commission, and also in the stations of the companies, schedules showing such changes in rates at least ten days before such schedules go into effect.

No. 1020.

*Otto Dorner,**Milwaukee, Wis.*

Formal complaint filed. See page 89 (*Lienemann v. C., M. & St. P. R. R. Co.*, No. 185).

No. 1021.

July 26, 1907.

*E. A. Kenyon,**Gilmanton, Wis.*

ALLEGED WRONG DELIVERY.

Complainant alleged that certain repairs ordered from the International Harvester Co. at Eau Claire were delivered to the wrong station. There was no indication as to what road was involved, and the Commission asked for more information, which was not given.

No. 1022.

July 17, 1907.

In re INVESTIGATION OF SLEEPING CAR CHARGES.

Complaint was made to Governor James O. Davidson that holders of 500-mile books were being charged more for sleeping car tickets than ordinary passengers. In an interview Governor Davidson was quoted as saying, that the railroad companies were charging holders of these mileage books \$3.00, where the regular rate was only \$2.00 for sleepers from Chicago and St. Paul to points within this state. The Commission, on its own initiative, proceeded to investigate the charges and was informed that the real complainant was Tony Hein of Tony, Rusk county, Wis. At the Commission's request he gave the details of the alleged overcharges and stated that the C., St. P., M. & O. and the C. & N. railway companies had refused to sell him berth tickets through to destination, but made him buy tickets enroute from the point in Wisconsin where he presented his mileage book to the point of destination. In both cases, Pembine to Chicago and Minneapolis to Madison, the sum of these local charges exceeded the regular through rate to which complainant alleged he was entitled.

After an extended correspondence it developed that after Aug. 15, the date the Two-Cent Fare Law was to go into effect, the railway companies would sell interstate sleeping car tickets and interstate railway tickets at the rates charged for intrastate journeys.

No. 1023.

July 14, 1907.

*Anonymous.**vs.**C., M & St. P. Ry. Co.*

COMPLAINT REGARDING CONDITION OF ROAD-BED AND TRACK.

In the above entitled matter the Commission was informed of several slight accidents which had taken place on the branch

between New Glarus and Brodhead, alleged to be due to the condition of the track and road-bed.

The matter was taken up with the officials of the company, who informed the Commission that the matter was being investigated by the engineering department, and that necessary improvements would be made.

No. 1024.

July 29, 1907.

P. J. Chambers, vs. *C., St. P., M. & O. Ry. Co.*
R. F. D. 2, Eau Claire, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complainant, a shipper of berries residing near Eau Claire, complained that the above named company refused to accept berries for shipment to Duluth on Saturday; that the road will accept them on Sunday, but that it was impossible to secure pickers on that day; that while the road accepts them on Monday, it would not furnish refrigerator car service on that day; that in this way the shipper loses three days in each week on which he cannot ship.

The matter was taken up with the officials of the company, who advised the Commission that they would supply refrigerator cars on Saturday to be loaded with berries and shipped at owner's risk, which satisfied the complainant.

No. 1025.

July 30, 1907.

Frank Wallen, vs. *C. M. & St. P. Ry. Co.*
Lannon, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complaint alleged that the C. M. & St. P. Ry. Co. did not supply sufficient cars, bringing but one or two per day into Lannon for stone shipments, when forty are required to meet the needs of the situation. The matter was taken up with the railway company, resulting in improved conditions.

No. 1026.

July 30, 1907.

Victory Mercantile Co., vs. *C., St. P., M. & O. Ry. Co.*
Augusta, Wis.

ALLEGED DISCRIMINATION IN RATES.

Complainant herein alleged a discrimination against coal users at Augusta, in that the above named company charged a

rate of \$1.40 per ton on coal from Superior to Augusta, while it charged a rate of 90 cts. on coal from Superior to St. Paul and \$1.00 per ton from Superior to Eau Claire.

Complainant was advised that he could file a formal complaint, which would bring the matter to an issue before the Commission, but he failed to do this. A formal complaint involving the matter was subsequently filed, entitled *Erland Elbertson v. C., St. P., M. & O. R. Co.* 2 W. R. C. R. 593, and on July 9, 1908, a decision and order thereon was rendered reducing the rates from Superior to Augusta on hard coal from \$1.75 per ton to \$1.65 per ton and on soft coal from \$1.40 per ton to \$1.25 per ton.

No. 1027.

July 29, 1907.

*Wisconsin & Northern R. R. Co.,
Oshkosh, Wis.*

EMERGENCY RATES.

The company above mentioned applied for authority to issue a switching tariff of \$2.00 per car between industries on the C. & N. W. tracks and their own at Crandon, Wis. (G. F. D. No. 15, I. C. C. No. 13.)

Application approved.

No. 1028.

August 2, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY RATES.

The company applied for authority to make a rate of \$2.50 per car on logs, 50,000 minimum.

Application approved.

No. 1029.

July 19, 1907.

*Eau Claire Trunk Co.,
Eau Claire, Wis.*

ALLEGED EXCESSIVE INTERSTATE FREIGHT RATES.

This matter involved the question of interstate rates on coal between Jasonville, Ind., and Eau Claire, and was outside the jurisdiction of the Commission. The complainant was advised as to the rates in effect between the points in question, and the matter was informally taken up with the interstate commerce commission, but beyond this the Commission had no further jurisdiction, and the complainant was so informed.

No. 1030.

July 27, 1907.

*Christensen Brothers,
Dwight, Wis.*

SIDE TRACKS TO WAREHOUSE.

Christensen Bros. asked to be informed whether or not the railway company could be compelled to furnish a side track, if a co-operative warehouse and elevator were built and the owners thereof agreed to do the grading and lay the ties.

Held: Sec. 1802, Statutes of 1898, provides that the owner of any warehouse or elevator within yard limits of any station may, at his own expense, construct a railway track from such elevator or warehouse to such railroad and connect with the same by a switch at a point within the yard limits of such station, and the railroad company shall allow such connection; ch. 352 provides, under certain conditions, for the construction of a side track beyond yard limits.

No. 1031.

*John T. Gittings,
Union Grove, Wis.*

Formal complaint filed. See page 96 (*Smith et al. v. C., M. & St. P. Ry. Co.*, No. 195).

No. 1032.

July 20, 1907.

In re COMMODITY RATES.

The attention of the Commission had been called to a tariff of the C. & N. W. Ry. Co., known as G. F. D. 7100 A, superseding G. F. D. 7100, and complaint was made that this new tariff advanced the rates on various commodities between points in Wisconsin. A copy of the complaint was sent to the company, which submitted a copy of the old tariff showing the changes in detail, which exhibit was examined by complainant, who declined to file a formal complaint.

No. 1033.

July 29, 1907.

*Willow River Lumber Co.,
New Richmond, Wis.*

MINIMUM WEIGHT RULE.

Inquiry whether or not the C., St. P., M. & O. Ry. Co. is within its authority in charging 40,000 lb. minimum on car of

hard coal from Ashland, Wis., to New Richmond, when the contents of the car in question weighed but 36,400 lbs.

Held: The rules governing minimum weights to be charged are made by the railway companies themselves, subject to investigation as to their reasonableness by this Commission on its own motion or upon complaint. If the rule governing the charge in question is published as required by law, the company must enforce it. Shippers objecting to it may complain to the Commission.

No. 1034.

July 15, 1907.

W. C. Dow,

Sheboygan, Wis.

JURISDICTION OVER CLAIMS.

The above entitled matter was addressed to Governor James O. Davidson and was an inquiry as to the jurisdiction of this Commission over claims against railway companies. It being referred to this department, complainant was advised that claims against carriers are like all other unliquidated and disputed matters involving the payment of money, and that the legislature had not and could not confer upon such a body as this the powers of a court; that, notwithstanding the Commission's lack of jurisdiction, it is always glad to act as an intermediary in such matters and it believes that the settlement of many claims has been facilitated through its intervention.

See informal case 1043.

No. 1035.

Aug. 6, 1907.

Boston Land Co.,

Minneapolis, Minn.

Complaint that the Bonnell, Phelps, Hackley Lumber Company's logging road, running from Conover to Hackley, is a common carrier.

Complainant was advised that if it wished to bring the question to an issue, formal complaint must be filed. This not having been done, the matter is considered closed.

No. 1036.

Aug. 6, 1907.

Chicago, Milwaukee & St. Paul Ry. Co.

APPLICATION TO MAKE RATE RETROACTIVE.

On August 6, 1907, the applicant railroad company submitted its G. F. D. No. A 3078, dated June 19, effective July 1, and expiring Dec. 31, 1907, and asked to have the rate made effective July 1, 1907, so that some shipments already made would be protected.

The Commission having no power to grant this, the application was denied.

No. 1037.

July 15, 1907.

In re CONNECTIONS BETWEEN PASSENGER TRAINS OF C. & N. W. RY. AND M. P. & N. RY. TRAINS.

Complaint was made to the Commission that the C. & N. W. Ry. and M. P. & N. Ry. operated their trains so that connections were not satisfactory to the public.

Complainant was advised to file a formal complaint, which he declined to do, and requested that nothing further be done in the matter for the present.

See informal case 1091.

No. 1038.

Aug. 6, 1907.

Jeff. Teweles, vs. *Sturgeon Bay, Wis.**C. & N. W. Ry. Co.*

ALLEGED OVERCHARGE.

Complainant alleged that he was charged \$5.30 fare on Aug. 3, from Milwaukee to Sturgeon Bay, whereas the regular fare from Milwaukee to Green Bay was \$2.80, and the rate from Green Bay to Sturgeon Bay, via K., G. B. & W., is \$1.95, making a total of \$4.75.

The general passenger agent of the respondent company explained that, in the extensive revision of rates, the interline rates had not been changed as rapidly as was hoped, and that the rates charged was in error, and contrary to the general instructions issued to agents.

No. 1039.

Aug. 8, 1907.

Anonymous

vs.

C., M. & St. P. Ry. Co.

ALLEGED INADEQUATE TRAIN SERVICE.

A verbal complaint was lodged with the Commission to the effect that the train from La Crosse and the train leaving McGregor for Madison in the afternoon did not make connections, though there was only a few minutes' difference in the time of departure of the two trains.

The officials of the railway company explained that it was impossible to make any different schedule, owing to the connections which would be disturbed if the time of either train were changed.

No. 1040.

Aug. 10, 1907.

D. J. Brandheim et al.,

vs.

*C., M. & St. P. Ry. Co.**Abrams, Wis.*

ALLEGED INADEQUATE TRAIN SERVICE.

Complainant submitted a petition signed by himself and 20 other citizens of Abrams, asking that the above named company stop its north-bound train No. 3 and south-bound train No. 2 at that station.

The matter was taken up with the officials of the company, who stated that it would be impossible to operate the trains on schedule time if the request were complied with, since the heavy interstate mail and traffic business depending upon these trains required that they be operated on strict schedule time.

The complainants were informed of these facts and advised that they must file a formal complaint if they wished the Commission to act in the matter.

No. 1041.

July 27, 1907.

*Brown Brothers Lumber Co.,
Rhinelander, Wis.*

ALLEGED OVERCHARGE.

Submitted and withdrawn.

No. 1042.

Aug. 8, 1907.

*Chicago, Milwaukee & St. Paul Ry. Co.***EMERGENCY RATE.**

Application was made for authority to issue rate of \$1.00 per 1,000 on saw logs, 10 feet in length, C. L. minimum 4,000 feet per car, Velasco and Glenbrook to Merrill.

Application approved.

No. 1043.

Aug. 10, 1907.

W. C. Dow, vs. *C., M. & St. P. Ry. Co.*
634 Huron street, Sheboygan, Wis.

LOSS OF SHIPMENT IN TRANSIT.

Complainant advised the Commission that on Sept. 4, 1906, G. Morrison shipped to him from Portage a consignment of household goods, among which was a bed spring which was lost in transit. That the spring was lost in transit seems to have been admitted by the agent at Portage.

Mr. Ellis replied to the Commission's inquiries that the matter had become temporarily side-tracked somewhere and enclosed a check for \$12 to liquidate the claim.

See informal case 1034.

No. 1044.

Aug. 9, 1907.

W. H. Pipkorn, vs. *C. & N. W. Ry. Co.*
11th ave. and Washington street,
Milwaukee, Wis.

AUTHORITY TO MAKE REFUND.

The railway company, through an oversight, failed to put into effect the rate of 10 cts. on wrapping paper, as found in Tariff C-1303. The Menasha Paper Co. shipped from Menasha to Ladysmith, March 1, 1907, and the railroad desired to protect the shipper in this instance.

Held: The Commission has only limited jurisdiction in the matter, and sec. 1797—37m, of the Laws of 1907, went into effect after the claim had accrued.

No. 1046. Aug. 7, 1907.
Scott & Hall, *vs.* *C., M. & St. P. Ry. Co.*
Rio, Wis. *C. & N. W. Ry. Co.*

JOINT RATES.

Complainants, potato shippers at Rio, Wis., asked the Commission to establish a joint rate on potatoes from that station and from Doylestown to certain points in Illinois. The matter was outside the jurisdiction of the Commission and complainants were so informed. The matter was taken up informally with the officials of the company, who submitted explanations satisfactory to the complainants, who withdrew their complaint.

No. 1047. Aug. 12, 1907.
A. H. Krouskop, *vs.* *C., M. & St. P. Ry. Co.*
Richland Center, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on salt in carload lots is excessive as compared with the rate on cement and as compared with the rate on salt in Illinois.

The railroads defended the rate as fairly reasonable, and the complainant desired to be informed whether the matter could go to a hearing without the filing of a formal complaint. He was advised that this was necessary, and as it was not done the matter is closed.

No. 1048. Aug. 13, 1907.
A. L. Thomas, *vs.* *C. & N. W. Ry. Co.*
109 Pearl St., Green Bay, Wis.

ALLEGED OVERCHARGE.

The complainant alleged that he had been overcharged on a local shipment of potatoes from Pensaukee to Munising, Mich. The rate charged was 48 cts. per cwt., while the rate from Green Bay to Minising is only 28 cts. per cwt., though the latter is a greater haul.

Correspondence developed the fact that the correct rate was 30 cts., and settlement was presumably made on that basis.

No. 1049. Aug. 12, 1907.
John Luchsinger, vs. *C., M. & St. P. Ry. Co.*
Monroe, Wis. *I. C. R. R. Co.*

ALLEGED ILLEGAL INCREASE OF RATES.

Complainant alleged that the two roads in question had raised the rates on cheese from Monroe to Chicago from 20 cts. to 23 cts. without notice.

Brief correspondence disclosed the fact that the complainant had been misinformed, and that the lower rates were still in effect.

No. 1050.
S. P. Carlson,
Bennett, Wis.

Formal complaint filed. See page 107.

No. 1051. Aug. 14, 1907.
Menomonie Hydraulic Press Brick Co.,
Menomonie, Wis.

ALLEGED OVERCHARGE.

The complainant by its attorney, C. E. Freeman, maintained that it was entitled to a refund on a car of brick of 60,000 lbs. capacity when only 40,000 lb. car was ordered. The actual weight was less than 50,000 lbs., but the charge was made on the basis of 50,000 capacity. The shipment was from Menomonie, Wis., to Rutland, S. D.

Held: 1. Matter is interstate in character, and outside of jurisdiction.

2. The rate charged was according to the legally published tariff, which provides for a minimum of 50,000 lbs.

No. 1052. Aug. 12, 1907.
Gerrit Rexwinkel, vs. *C., M. & St. P. Ry. Co.*
Waupun, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on potatoes, Waupun to Milwaukee, 22 cts., per cwt., is excessive, since a Waupun-Kansas City haul takes only a 25 ct. rate.

The matter was investigated and the complainant informed that the rate Waupun to Kansas City is 45 cts. per cwt.

No. 1053.

E. B. Homstad,
Westby, Wis.

Formal complaint filed. See page 95.

No. 1054.

Aug. 17, 1907.

Wisconsin Central Railway Company.

EMERGENCY RATE.

Application for authority to make effective immediately a rate of \$1.40 per ton on hard coal, from Ashland to Chippewa Falls and Eau Claire, to meet the rate contained in Omaha tariff N. C. 575, from Duluth.

Application approved.

No. 1055.

Aug. 16, 1907.

N. Graber & Son, vs. *C., M. & St. P. Ry. Co.*
Mineral Point, Wis.

ALLEGED DAMAGE TO SHIPMENT OF HORSES.

The complainant put in a claim for damage to shipment of horses from Mineral Point to Chicago, some of which were injured and one of which was killed in a wreck.

After extensive correspondence the Commission was advised that a satisfactory adjustment had been reached.

No. 1056.

Aug. 16, 1907.

In re ALLEGED ILLEGAL ISSUANCE OF PASSES.

Verbal complaint was lodged with the Commission to the effect that the Southern Wisconsin Railway Co. was carrying some individuals free, contrary to law. The president of the company replied denying the charge and alleged that the complainant was misinformed. Nothing further than a bare and unsupported statement being offered, the matter is closed.

No. 1057.

Aug. 16, 1907.

Underwood Veneer Co.,
Wausau, Wis.

CLASSIFICATION OF VENEERING.

Complaint herein alleged that the classification of veneering on Wisconsin railroads is unjust.

A complaint blank sent to the above company for signature was not returned, and the matter is closed.

No. 1058.

Aug. 16, 1907.

The Eagle Manufacturing Co., vs. C. & N. W. Ry. Co.
Appleton, Wis.

ALLEGED OVERCHARGES.

Complainant alleged that the C. & N. W. Ry. Co. had charged a minimum of 5,000 lbs. on a gasoline engine weighing 2,850 lbs., five feet eleven inches wide, shipped on trucks, from Appleton to Sheboygan.

An investigation developed the fact that the shipment was governed by rule 17-B of the western classification, providing that where less than carload shipments cannot be loaded through the door of a 36-foot car, a minimum weight of 5,000 lbs. shall apply at the first class rate.

Held: The rates charged are correct, according to the legally published tariff.

No. 1059.

Aug. 5, 1907.

Wisconsin Central Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE A REFUND.

The W. C. Ry. Co., at the request of the Winnebago County Asylum, entered into a contract with that institution to furnish cinders shipped from North Fond du Lac to the said hospital, at a charge of \$5.00 per car and a special commodity rate. At the request of the institution a number of shipments, were made, but the company had failed to make application and publish this special rate. The application was for authority to charge at the special rate indicated above.

Held: It is impossible to suspend the operation of the law prohibiting any but the legally published tariff rate being charged. Ch. 582, Laws of 1907, providing a remedy under such circumstances, had not gone into effect when the shipment was made.

No. 1060.

Aug. 21, 1907.

In re ILLEGAL ISSUANCE OF PASS.

Complainant alleged that the sheriff of Sauk county was in the employ of the railway company as a brakeman, and desired to be informed whether it was legal for the railroad company to issue an annual pass to an employe who was also a public officer.

Held: 1. The C. & N. W. Ry. Co. reports to this Commission the names of all persons to whom it issues railway passes, and such reports do not contain the name of the person in question.

2. The attorney general, on July 25, 1905, in reply to an inquiry by this Commission, held that a public official, who was also an employe of a railway company, could not use a railway pass, even when traveling on the business of the railway company, his employer. Atty. Genl. Biennial Rept. and Opinions, page 448.

No. 1061.

*J. A. Schwartz & Son,
Troy Center.*

Formal complaint filed. See page 98.

No. 1062.

H. H. Connor, *vs.* *C., M. & St. P. Ry. Co.*
Sun Prairie, Wis.

Aug. 23, 1907.

ALLEGED OVERCHARGE.

Complainant alleged that he was required to pay \$2.00 per ton for a car of soft coal shipped from Decatur, Ill., to Sun Prairie, Wis., via the Illinois Central and C., M. & St. P. railways, whereas in the past he had been charged only \$1.75 a ton.

An investigation of the tariffs showed that the legally published tariff rate was \$2.00 per ton.

No. 1063.

Village of Reedsville.

Aug. 21, 1907.

OPENING OF HIGHWAY OVER RAILWAY.

The authorities of the village of Reedsville, Manitowoc county, complained that the C. & N. W. Ry. Co. refused to open a proposed highway, which the authorities contended had been laid out over fifty years ago. A question of fact between the village authorities and the railway company was at issue in this controversy, and is still in dispute. The matter is now being investigated by the legal department of the railway company involved.

No. 1064. Aug. 26, 1907.
The Nelson Manufacturing Co., vs. *C. & N. W. Ry. Co.*
Deerfield, Wis.

RATES.

Oral complaint to the effect that the rate on plain and heavy castings, Layton Park to Deerfield, had been raised from 10 cts. per cwt. to 31 cts. per cwt.

An investigation developed the fact that the charge of 10 cts. per 100 lbs. on the original shipment was an error, and that 31 cts. per 100-lbs. was the legally published tariff rate on the commodity in question between the points named.

No. 1065.
O. P. Schnetzky,
Elkhart Lake, Wis.

Transferred to informal utility file No. 4.

No. 1066. Aug. 22, 1907.
In re COAL RATES.

The Merchants' and Manufacturers' Association of the city of Milwaukee complained to the Commission that the railway companies discriminated against Milwaukee in the matter of rates on coal, as compared with the rates from Duluth, Superior, Ashland, Eau Claire, Chippewa Falls and Menomonie. After some correspondence with the complainants, a conference was arranged between the representatives of the complainants and this Commission, and the question of coal rates was discussed at length. It was suggested that a formal complaint should be filed by the association, which the association took under advisement.

No. 1067. Aug. 21, 1907.
S. M. Knudson,
Mondovi, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that he was charged more than the legal rates on a mixed carload of barley and wheat, Mondovi to Chicago.

An investigation showed that complainant was charged the legally published tariff rate and he was so informed.

No. 1068.

Aug. 23, 1907.

*Frank L. Aiken,**Onalaska, Wis.*

JURISDICTION OVER INTERURBAN RAILWAYS.

Complainant alleged that the Onalaska and La Crosse Street Ry. Co. was charging an excessive rate of fare between La Crosse and Onalaska, and wished to be advised whether this Commission had jurisdiction over interurban railway companies.

Held: The jurisdiction of the Commission extends to street and interurban railway companies.

See *City Onalaska vs. Onalaska and La Crosse St. Ry. Co.*
Formal case No. 224, p. 111.

No. 1069.

Aug. 23, 1907.

*Thomas Butler, vs.**Dunbar & Wausauke Ry. Co.**Wausauke, Wis.*

ALLEGED EXCESSIVE PASSENGER AND FREIGHT RATES.

Complainant alleged that the passenger rates and the freight rates on lumber, charged by the Dunbar & Wausauke Ry. Co. between Girard Jet. and Phillipsburg, were excessive.

Investigation of the tariffs disclosed the fact that no rates had been filed to cover the shipments and transportation in question, and the company was requested to file the tariffs immediately. The matter is still in abeyance.

No. 1070.

*W. A. Doyle,**Menomonie, Wis.*

Transferred to informal utility file No. 5.

No. 1071.

July 19, 1907.

*Oshkosh Fuel Co.,**vs.**C. & N. W. Ry. Co.**Oshkosh, Wis.*

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a car of cord wood, shipped from Elmhurst to Appleton. The tariffs governing this shipment provide for a minimum carload of 30,000 lbs., and the car, as actually weighed, showed a capacity of but 26,000 lbs. Alleging that the car furnished would not hold the mini-

mum required in the tariff, the complainants made a claim for overcharge.

The railway company denied that the claim was valid and referred the Commission to a recent decision in a California case against the Santa Fe Railway Company, in which it was decided that the failure to supply a car of the required capacity did not justify the railroad company in making a rebate, but, on the other hand, subjected the company to a fine for violation of the Elkins Act.

The Commission informed the complainant of the attitude of the company in the matter and pointed out its limited jurisdiction in the matter of claims.

No. 1072.

Aug. 23, 1907.

Fisher & Gillies, *vs.*
Evansville, Wis.

C., M. & St. P. Ry. Co.

ALLEGED OVERCHARGE.

Complainant alleged that the C., M. & St. P. Ry. Co. exacted a charge of \$5.36 for a passenger ticket from West Madison to Chester, Iowa.

The complainants were informed that the matter was outside of the jurisdiction of the Commission, involving a charge for interstate transportation, but that the Commission would investigate the matter.

The agent of the respondent railway company informed the Commission that the interstate fares were then being reduced, but that the adjustment had not yet been made throughout the entire system. The explanation was forwarded to the complainant.

No. 1073.

Aug. 24, 1907.

F. E. Myers & Bro., *vs.*
101 West Water St.,
Milwaukee, Wis.

Wis. Car Service Assn.

ALLEGED INSUFFICIENT TIME FOR UNLOADING.

Complainant herein called the attention of the Commission to the fact that only forty-eight hours free time was allowed in which to unload cars in Milwaukee.

Complainant was advised to file a formal complaint, but the same was never filed. The same matter, in so far as it affects

grain, subsequently came before the Commission on complaint filed by the Milwaukee Chamber of Commerce.

No. 1074.

City of Superior.

Transferred to informal utility file No. 6.

No. 1075.

Aug. 23, 1907.

*Higgins Spring & Axle Co.,
Racine, Wis.*

ALLEGED EXCESSIVE RATES.

The complainant alleged that the commodity rates on springs and axles to various points in Wisconsin from Racine had been withdrawn, and that the rate from Racine to Madison had been raised from 10 cts. per 100 lbs. to 25 cts. per 100 lbs. The complainant wished to know whether the railroad company was acting within its rights in raising these rates.

Held: That under the Railroad Commission Law the railroad companies may raise their rates by filing schedules showing such rates with the Commission ten days before they become effective, and the complainant's remedy is to file a formal complaint.

Blanks were enclosed, but a complaint was not filed. The same matter was taken up subsequently in a formal proceeding by the Harvey Spring Company. See page 115. See *in re* Wiedenbeck, informal case No. 1108.

No. 1076.

Aug. 22, 1907.

*Medford Fruit Package Co.,
Medford, Wis.*

ALLEGED FAILURE TO PUBLISH JOINT RATES.

The complainant alleged a lack of traffic agreements between the roads in this state on shipments in carload and less than carload lots.

The Commission advised the complainant to file a formal complaint, but it was not filed.

No. 1077.

Aug. 23, 1907.

A. S. Hawley, vs. Mineral Point & Northern Ry. Co.
Mineral Point, Wis.

ALLEGED EXCESSIVE CHARGES.

This complaint involved a \$5 demurrage charge on a car of sand, shipped from Janesville to Mineral Point. The complainant alleged that he was not informed of the arrival of the car, and that the charge for demurrage was therefore unjustifiable.

The respondent railway company denied that the complainant did not receive proper notice.

Held: 1. In the matter of claims: The jurisdiction of the Commission is limited to an investigation and a report to the legislature in its discretion.

2. In such cases the Commission has acted and will continue to act as an intermediary, securing adjustments wherever possible; that in matters involving disputed questions of facts, if the parties cannot agree, the only recourse lies in the courts.

No. 1078.

In re MINIMUM CHARGE ON PACKAGE FREIGHT.

Formal complaint filed. See page 95.

No. 1079.

Aug. 24, 1907.

W. W. Cook,
Chetek, Wis.

INQUIRY CONCERNING JURISDICTION OF THE COMMISSION.

The complainant inquired whether the Railroad Commission Law conferred upon this Commission jurisdiction over the question of car supply, and was referred to sec. 10, ch. 362, Laws of 1905, as amended, governing such cases.

No. 1080.

Fred Klaus,
Winneconne, Wis.

Transferred to informal utility file No. 7.

No. 1081.

Aug. 20, 1907.

*A. I. Tilseth,**Menomonie, Wis.*

EIGHT HOUR LAW.

Complainant inquired as to the applicability of ch. 575, Laws of 1907, known as the Telegraphers' Hours of Labor Law, to a railroad office where there are but two trains a day, one at 7:10 a. m. and the other at 4:15 p. m.

The question was submitted to the attorney general, but in view of the fact that the law was not to go into effect until Jan. 1 following, the latter refused to render an opinion at that time.

The matter having since come before the supreme court, the law was held to be unconstitutional. See *State v. C., M. & St. P. Ry. Co.*, N. W. Rep. 686.

No. 1082.

Aug. 27, 1908.

Duluth, South Shore & Atlantic Ry. Co.

FULL CREW LAW.

A. E. Miller, attorney for the above mentioned railway company, wished to be informed as to the applicability of ch. 402, Laws of 1907, relating to crews for passenger trains, to trains operated upon his company's line. It appeared that most of the passenger trains have but two coaches in addition to baggage, sleeping and dining cars. A literal construction of the law would require two brakemen on each of the trains, because the baggage cars bring the total in excess of three cars, as provided in the act.

The question was submitted to the attorney general, and an extract of his opinion follows:

"It appears to me that there is no latitude of construction permissible in regard to this statute. The statute plainly says that trains of three cars or more shall have at least two brakemen; that the train may be made up of baggage cars, express cars, sleeping cars or dining cars cannot, as I see it, make any difference if the train itself is what may be denominated as 'passenger train.' I therefore hold that passenger trains composed of more than three cars must have two brakemen."

The ruling of the attorney general was submitted to the railway company.

No. 1083.

Aug. 22, 1907.

G. M. Sheldon,
Tomahawk, Wis.

INQUIRY CONCERNING CROSSING LAW.

The complainant, as attorney for the town of Cassian, asked whether the Commission had any jurisdiction under ch. 120, Laws of 1907, in a case where a town desired to construct a highway over a railway track.

He was advised the Commission had no such jurisdiction.

No. 1084.

Aug. 27, 1907.

J. B. Wells, *vs.* *M., St. P. & S. Ste. M. Ry. Co.*
Brantwood, Wis.

MISQUOTATION OF RATES.

Complainant, by his attorney, alleged, that having a large amount of bark to ship he asked the agent of the defendant company for the rate to Milwaukee, being informed that the rate was 10 cts. per 100 lbs., which was in error, the legally published tariff rate being 15 cts. per 100 lbs. Relying on the information he received, he sold the bark to tanners delivered f. o. b. Milwaukee. When the shipment was made, the railway companies collected freight at the legal rate. As the amount which the bark netted the complainant was less by 4 cts. per 100 lbs. than its value at Brantwood, complainant demanded that the railway company should pay the amount of the loss caused by its agent's erroneous quotation of the rate; the claim was denied by the railway company and this Commission was applied to for assistance.

Held: 1. The Commission has no jurisdiction over claims except to investigate and report, in its discretion, to the legislature.

2. The question whether a carrier is liable for damages resulting to a shipper caused by a misquotation of rates by an agent of the carrier, is one which has been determined by the U. S. supreme court. *T. & P. Ry. Co. v. Mugg*, 202 U. S. 242; *G. C. & S. F. Ry. Co. v. Hefley*, 158 U. S. 98. In the former case an agent of the railway company inadvertently quoted the plaintiff a rate on a shipment then in contemplation, that was lower than the published rate; in the latter case

an agent of the defendant railroad company not only named to the plaintiff a rate lower than the lawfully published rate, but inserted the erroneous lower rate in the bill of lading that was issued for the movement. In each case the supreme court of the United States held that the published tariff controlled, and that the lawfully published rate was the rate to be applied and collected on the shipment, notwithstanding the erroneous quotation of another and lower rate.

See *Sandquist vs. M., St. P. & S. S. M. Ry. Co.*, informal case No. 1099.

No. 1085. Aug. 27, 1907.
Harry Lawler, *vs.* *C. & N. W. Ry. Co.*
Chicago, Ill.

See *Jefferson Ice Co. v. C. & N. W. Ry. Co.*, 2 W. R. C. R. page 431.

No. 1086. Aug. 27, 1907.
Hawthorne, Nebagamon & Superior Ry. Co.,
NOTICE OF DISCONTINUANCE AS COMMON CARRIER.

The above named railway company, operating a logging road, informed the Commission that after Sept. 1, 1907, it would discontinue receiving passengers and freight and would abandon its tracks, as the timber which it carried had been exhausted. The Commission asked to be informed whether such discontinuance would work any hardships upon the settlers in that vicinity. A reply was received in the negative, as the territory was well served by other railways. The Commission has been informed that the road has been dismantled.

No. 1087. Aug. 30, 1907.
Residents of Mauston *vs.* *C., M. & St. P. Ry. Co.*
STATION FACILITIES.

A petition, signed by some hundred or more citizens of Mauston, was addressed to the Commission asking that suitable shelter be erected at the station at Mauston to protect the traveling public from storms.

The commerce counsel of the railway company, upon having his attention called to the situation, informed the Commission that the operating department intended to proceed with

the improvement of the station facilities at Mauston in due course of time.

The complainants declined to make a formal complaint.

No. 1088. Aug. 27, 1907.
U'pham & Agler, *vs.* *C., St. P. M. & O. Ry. Co.*
American Trust Building,
Chicago, Ill.

ALLEGED OVERCHARGE.

Complainants alleged that they had been overcharged on a carload of lumber shipped from Stanley, Wis., to Janesville, via the C. & N. W. Ry. The charge exacted was 11½ cts., Stanley to Janesville, whereas a rate of only 10 cts. was in effect from Stanley to Chicago. Inasmuch as Janesville is an intermediate point, complainants contended that they were entitled to a refund of the excess charge of 1½ cts. per 100 lbs.

The railroad officials explained that the lower rate to Chicago was due to water competition, and the complainant was informed that the long and short haul rule did not obtain in Wisconsin, and that the shipment moved upon a legally published tariff rate. The road was therefore justified in declining the claim.

No. 1089. Aug. 30, 1907.
A. G. Langenbach, *vs.* *C., M. & St. P. Ry. Co.*
La Crosse, Wis.

F. Burkhardt, *vs.* *C., M. & St. P. Ry. Co.*
Keposkee, Wis.

COMPLAINT OF TRAIN SERVICE.

Complainants alleged the failure of the C., M. & St. P. trains to make connections at Portage. Northern division train No. 506, due to leave Portage at 3:50 p. m., according to the allegations, failed to make connections with La Crosse division train No. 6, due at Portage at 3:45 p. m.

The officials of the railway company advised the Commission that, according to the regulations, the former train was supposed to wait at Portage twenty minutes for connections; that owing to necessary connections in Milwaukee, a longer wait

was impossible. The complainants reiterated their complaint, alleging that the train had not waited the required time, and the latter complainant put in a claim of \$5.00, which represents his damages on account of failure to make those connections at Portage on Aug. 29, 1907.

The Commission had no power to enforce any claim of this kind, but further correspondence with the railway company resulted in an adjustment, whereby the Northern division train, No. 506, is compelled to wait thirty minutes instead of twenty, as had been the rule previously. The adjustment was apparently satisfactory to the complainants, as nothing further was received from them.

No. 1090.

John A. Salzer Seed Company,

La Crosse, Wis.

Formal complaint filed. See page 101.

No. 1091.

Aug. 26, 1907.

W. H. Shepherd,

vs.

C. & N. W. Ry. Co.,

Linden, Wis.

Mineral Point & Northern Ry. Co.

TRAIN SERVICE.

The complainant, representing citizens of Linden, complained of the passenger train connections by the C. & N. W. and M. P. & N. railways at Whitson Jet.

The complainant was advised to file a formal complaint, for which blanks were inclosed.

See informal case No. 1037.

No. 1092.

Sept. 3, 1907.

Frank Wallin,

vs.

C., M. & St. P. Ry. Co.

Lannon, Wis.

ALLEGED EXCESSIVE RATES.

Complainant alleged that the rates on crushed stone, in force between Lannon and Milwaukee, were excessive. He was informed that those rates were then before the Commission on complaint of Davis Brothers Stone Company and Lake Shore Stone Company. Complainant was later advised of the with-

drawal of these two complaints, and a suggestion was made that he file a complaint covering the matter, which he declined to do.

No. 1093. Aug. 24, 1907.
Shawano Fuel Co., vs. *C. & N. W. Ry. Co.*
Shawano, Wis.

ALLEGED EXCESSIVE CHARGES.

Complaint 1. That the commodity rate on soft coal between Green Bay and Shawano is in excess of the distance tariff rate.

2. That the C. & N. W. Ry. Co. and the Wis. & Nor. R. R. Co. maintain no switching tariff between their tracks at Shawano.

Held: 1. The commodity tariff rate on soft coal, C. L., Green Bay to Shawano, is 75 cts. per ton, while the distance tariff rate for that distance (38 miles) is \$1.00 per ton.

2. The C. & N. W. Ry. Co. advised the Commission of its intention to put into effect a tariff covering interchange switching at Shawano, and complainant was so informed.

No. 1094. Sept. 1, 1907.
Mueller Brothers, vs. *C., M. & St. P. Ry. Co.*
Portage, Wis.

ALLEGED EXCESSIVE RATES.

The complainants alleged that for the past three months they had been required to pay 26 cts. a hundred on monuments, Melrose, Minn., to Portage, Wis., as compared with a rate of 14½ cts. previous to about June 1.

An inspection of the tariffs filed by the railroad company, and correspondence with the tariff department of several roads, failed to disclose the fact that the rate had been changed.

Subsequent investigation proved that the complainant was under a misapprehension as to the rate in effect, since the lower rate charged previously applied only upon paving blocks in carloads, minimum weight of 30,000 lbs., and that the rate of 26 cts. was correct, as applied to stone, traced, chiseled, dressed, or polished.

Held: That the rates charged were the legally published tariff rates.

No. 1095.

N. J. Balkins

Sheboygan, Wis.

See formal complaint, *City of Sheboygan v. Sheb. Lt. P. & Ry. Co.*, page 109.

No. 1096.

Sept. 3, 1907.

Joseph Stoneman,

Forestville, Wis.

STOPPAGE IN TRANSIT PRIVILEGE.

Complainant inquired: "What right has a shipper of car-load lots of live stock in loading, unloading and filling out at different stations?"

Held: The stoppage in transit rule, as given in W. T. L. circular, reads as follows: "Cars loaded with live stock may be stopped once in transit to finish loading when stopping station is on a direct line between point of shipment and destination, at a charge of \$5.00 per car in case of horses and mules, and \$2.00 per car for cattle, hogs and sheep. Such stop to be limited to 48 hours, and no portion of the contents of the car, as loaded at the original point of shipment, is to be left at the stopping point."

No. 1097.

Sept. 3, 1907.

Mandt Wagon Company,

vs.

C., M. & St. P. Ry. Co.

Stoughton, Wis.

ALLEGED EXCESSIVE RATES.

The C., M. & St. P. Ry. Co. withdrew its commodity rates on articles of iron and steel, manufactured or in raw condition, between points in Wisconsin. The new rates were the cause of somewhat general complaint among wagon manufacturing establishments, and, yielding to the demand for a lower rate, the representative of the C., M. & St. P. Ry. Co. wrote to the Commission as follows:

"I am advised that within a very short time commodity tariffs will be issued, making a rate of 12 cts. on these articles from Milwaukee and Chicago to Stoughton, Rockford, Freeport, Janesville and other points."

This suggestion evidently satisfied the complainant.

No. 1098.

T. M. Holland,
Park Falls, Wis.

Transferred to informal utility file No. 8.

No. 1099.

Sept. 3, 1907.

Alfred Sandquist, *vs.* *M. St. P. & S. S. M. Ry. Co.*
Brantwood, Wis.

ALLEGED OVERCHARGE.

The complainant had shipped to Milwaukee, via the M., St. P. & S. S. M. and C. & N. W. roads, a number of carloads of tan bark, previous to the effectiveness of a 12 ct. rate on tan bark from Brantwood to Milwaukee, although such a rate was in effect from Prentice to Milwaukee.

The complainant was informed by the Commission and by the officials of the railway company, after an investigation of the files disclosed the issuance of a 12 ct. rate, that he could ship tan bark to Milwaukee under the lower rate, but that the past shipment had been made while the higher rate of 15 cts. was still in effect from Brantwood to Milwaukee, and that, in order to have the benefit of the lower rate, the shipment should have been routed via Prentice.

See *Wells vs. M., St. P. & S. S. M. Ry. Co.*, informal case No. 1084.

No. 1100.

Sept. 3, 1907.

Lacmle & Foster, *vs.* *C. & N. W. Ry. Co.*
Marshfield, Wis.

ALLEGED OVERCHARGE.

The complainants alleged that they had been overcharged on three cars of hay, shipped over the lines of the C. & N. W. Ry. Co.

An investigation indicated that there had been an overcharge of one-half cent per 100 lbs. on a shipment of 60,000 lbs., and 12½ cts. on 4,000 lbs., making a total overcharge of \$8.00.

The Commission was afterwards informed by the complainants that the claim had been adjusted by the railway officials.

No. 1101.

In re MINIMUM CHARGE ON PACKAGE FREIGHT.

Formal complaint filed. See page 95.

No. 1101a.

*Clear Lake Telephone Co.,
Clear Lake, Wis.*

Transferred to informal utility file No. 9.

No. 1102.

Aug. 31, 1907.

*Valders Lime & Stone Co.,
Valders, Wis.*

COST OF CONSTRUCTING SPUR TRACK.

Valders Lime & Stone Company addressed to the Commission an inquiry as to which party would have to stand the cost of constructing the side track from a point on the main line of the railroad to the private manufacturing plant.

Held: That the entire cost must be borne by the owner of the manufacturing plant.

No. 1103.

Sept. 3, 1907.

*Mineral Point Zinc Co.,
Chicago, Ill.*

COMMODITY RATES.

Complainant inquired of the Commission whether transportation companies are permitted to establish a commodity rate which is greater than the rates named in "the Commission's distance tariff."

Held: The Wisconsin Railroad Commission makes no rates in the first instance. All rates are first made by the railways themselves, subject to change on investigation on motion of the Commission or on complaint of shippers after hearing; that the Commission has made no distance tariff.

No. 1104.

Sept. 2, 1907.

Stanley, Merrill & Phillips Ry. Co.

EMERGENCY RATE.

The above railway company applied for authority to make a rate, Gilman to Chippewa Falls and Eau Claire, on cord wood, pulp wood and slab wood, the same to be effective immediately.

Application approved.

No. 1105.

Sept. 2, 1907.

Stoughton Wagon Co., *vs.* *C., M. & St. P. Ry. Co.*
Stoughton, Wis.

ALLEGED EXCESSIVE RATES.

The complainant and numerous other wagon manufacturers in the state complained of the discontinuance of the L. C. L. commodity rate on iron and steel and other raw materials entering into the manufacture of wagons. The railway company informed the Commission that the 10 ct. commodity rate on iron and steel and raw materials would be restored. This adjustment satisfied the complainant.

No. 1106.

Sept. 2, 1907.

E. L. Edmonds, *vs.* *C., M. & St. P. Ry. Co.*
Brokaw, Wis.

COMPLAINT ALLEGING OVERCHARGE ON PASSENGER FARE.

The complainant, holder of a 1000-mile ticket at the time when the Two-Cent Passenger Fare Law went into effect in this state, presented his ticket in accordance with the instructions published by railroad companies for redemption. There were 326 miles left in the book, for which the company paid him \$4.78, deducting half a cent per mile on all mileage that was used up to that time. Correspondence with the officials of the railway company resulted in an adjustment on a basis of \$8.15 for all unused mileage, which was in accordance with the claim made herein.

No. 1107.

Sept. 5, 1907.

***In re* ALLEGED VIOLATION OF ANTI-PASS LAW.**

Complainant informed the Commission that a certain city official had been given a permit to ride on the engines of a railway company and inquired whether the issuance of such a pass was not in direct violation of the Anti-Pass Law. Inquiries addressed to the officials of the railway company elicited the following reply:

"People who have transportation are not permitted to ride on the engines without a permit therefor, and people who have permits are not allowed to ride there without transportation."

This explanation apparently set at rest the doubts of the complainant as to the legality of the permit given to the city official.

No. 1108.

Sept. 4, 1907.

*Wiedenbeck, Dobelin & Co.,
Madison, Wis.*

ALLEGED EXCESSIVE RATES.

The complainants in this matter questioned the right of the railway company to advance the rates on local shipments of springs and axles from 10 cts. per cwt. to 25 cts. per cwt., especially in view of the fact that this advance had gone into effect only within the state of Wisconsin. The Commission was asked to investigate the advance in rates and in reply sent formal complaint blank with instructions to fill out and file the same, which was never done.

See *In re Higgins Spring and Axle Co.*, informal case No. 1075.

See *Harvey Spring and Axle Co.*, formal case page 115.

No. 1109.

Sept. 9, 1907.

P. Hohenadel, Jr. & Co., *vs.* *C. & N. W. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE.

Complainant is a shipper of pickles from Shennington and Necedah, Wis., to Janesville. In the spring of 1905, the C. & N. W. Ry. Co. quoted complainant a rate of 9 cts. per 100 lbs. and promised to arrange for a publication of such rate if the same was satisfactory to the complainants. Complainants allege that they expressed themselves as being satisfied with the rate, but that publication of the same was overlooked and that the shipments of cucumbers from the two points above mentioned to Janesville were charged on the basis of 14 cts. per 100 lbs. Their claim for overcharge amounted to \$281.50.

Held: That the shipment was made on a date previous to the establishment of the Commission, and that the law, covering the matter of claims in cases like the present one, passed at the last session of the legislature, was not made retroactive, and that therefore there was no way to afford them any relief.

See informal case No. 1084.

No. 1110.

Sept. 5, 1907.

*J. A. Peabody, Signal Engineer, C. & N. W. Ry. Co.,
Chicago, Ill.*

INQUIRY CONCERNING LAW GOVERNING CROSSINGS.

Complainant inquired whether the last legislature had passed a law requiring the protection of all road crossings in the state of Wisconsin by crossing bells.

His attention was called to subdivision D, sec. 12, ch. 362, Laws of 1905.

No. 1111.

Sept. 9, 1907.

Village of Mt. Horeb, vs. C. & N. W. Ry. Co.

VIADUCT OVER RAILROAD TRACKS.

The village authorities addressed the Commission for the construction of the law as to a viaduct over the railroad tracks of the C. & N. W. Ry. on Sixth street in the village of Mt. Horeb. They wished to be informed whether there was any way of compelling a railroad company to construct said viaduct. The Commission referred the matter to the attorney general. Some correspondence was had with the authorities subsequently, and the matter is still pending.

No. 1112.

Sept. 7, 1907.

*H. P. Christ, vs. C., M. & St. P. Ry. Co.
Madison, Wis.*

COMPLAINT ALLEGING OVERCHARGE.

Complainant, a shipper of posts, alleged 1, that he was quoted a rate of 9.5 cts. from Wausauke to Shullsburg, and, relying upon that statement, made a large shipment of fence posts; upon arriving at their destination the consignment was charged at the rate of 12.5 cts. per cwt. 2. That cars were overweighed.

Held: 1. The legally published tariff rate, as shown by the schedules on file in this office, is 12.5 cts. per cwt., and under a ruling of the supreme court of the United States, an erroneous quotation of a lower rate to a shipper does not justify a recovery, on the basis of the lower rate quoted, from the railroad company. See informal case No. 1084, *Wells v. M., St. P. & S. S. M. Ry. Co.*

2. The Commission has jurisdiction over the matter of weights, and a formal complaint relating to that matter will be considered.

No. 1113.

Sept. 6, 1907.

L. N. Clausen,

Washburn, Wis.

ALLEGED OVERCHARGES.

Complainant alleged that the C., St. P., M. & O. Ry. Co. charged him 14 cts. on a box shipped from Madison to Washburn, upon which 26 cts. had been prepaid. He was informed that the minimum charge on package freight had been raised to 40 cts. on Aug. 19, and that that fact justified the collection of the extra 14 cts.

No. 1114.

Sept. 7, 1907.

J. B. Borden,

vs.

C., M. & St. P. Ry. Co.

Madison, Wis.

FARM CROSSING.

Complainant alleged that the C., M. & St. P. Ry. Co. was about to close a culvert under the tracks on his land, which had been used by him and his predecessors as a cattle pass for fifty years. A conference was arranged between complainant and the superintendent of the railway company, after which the former advised the Commission verbally, that the matter had been satisfactorily adjusted in the conference.

No. 1115.

Sept. 5, 1907.

A. F. Herold,

vs.

C., B. & Q. R. R. Co.

Maiden Rock, Wis.

STOPPAGE IN TRANSIT PRIVILEGE.

The complainant alleged that the C., B. & Q. R. R. Co. refused to haul fish from station to station to finish loading at \$5 per stop per car, as they had done previously, and as they were still doing in the case of grain and live stock shipments.

Held: That the tariffs on file in this office do not provide for any stoppage in transit privileges for fish; that the matter is subject to the jurisdiction of the Commission and that a complaint relating thereto would be considered.

The matter of stoppage in transit privileges was later taken up by the Commission in a formal proceeding upon the complaint of the New York Fish Company.

See formal railroad case No. 246, page 122.

No. 1116.

Sept. 10, 1907.

American Hide & Leather Co., vs. C., M. & St. P. Ry. Co.
New York, N. Y.

ALLEGED OVERCHARGE.

The complainant alleged that it had been overcharged in freight on tan bark from certain new spurs on the Gleason branch of the C., M. & St. P. Ry., which spurs were not named in the tariffs of the company, and the controversy arose from a lack of agreement between the parties as to the rate which should be applied to the shipments. The Commission advised the complainant of its limited jurisdiction over claims, but endeavored to adjust the matter informally, but was unsuccessful.

No. 1117.

Sept. 6, 1907.

Payson-Smith Lumber Co.,
Minneapolis, Minn.

ALLEGED EXCESSIVE RATES.

The complaint alleged that the rates on lumber between various points in Wisconsin were excessive and was advised to file a formal complaint, which it failed to do, and the matter is closed.

No. 1118.

Sept. 9, 1907.

E. A. Bennet, vs. W. C. Ry. Co.
Sparta, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

Complainant, a commercial traveler residing in Ashland, Wis., complained that the station at Westboro is always closed at six o'clock at night, making it inconvenient for passengers desiring to take the night train. In reply to an inquiry addressed to him by this Commission, the general superintendent of the railway explained that the fast night trains do not stop at Westboro except on flag, and that there are sufficient trains

during the day time to afford convenient connection, and that it would be a hardship upon a railway company to employ a night man for the purpose of accommodating an occasional passenger for these night trains. The explanations of the railway company were forwarded to the complainant.

No. 1119.

Sept. 9, 1907.

George L. Stevens,
Madison, Wis.

TRAIN FACILITIES.

Complainant inquired whether it was incumbent upon the railway companies to furnish each patron with a seat.

Held: That the question was one of adequate or inadequate train facilities and was under the jurisdiction of the Commission; that if a formal complaint was filed the matter would be considered.

No. 1120.

Sept. 10, 1907.

F. L. Shaver, *vs.* *C., St. P., M. & O. Ry. Co.*
Eau Claire, Wis.

ALLEGED OVERCHARGE ON PASSENGER FARE.

Complainant alleged that he was charged \$4.45 each for two passenger tickets from Eau Claire to Antigo, and that, on returning, he was charged but \$3.30 from Antigo to Eau Claire; he claimed to be entitled to a refund of \$2.30 overcharge. The matter was referred to the railway company, which replied that, incident to the many changes in rates since the passage of the two-cent fare laws in the various states, errors had been made by the company's agents; he stated that the papers in the case had been forwarded to the agent at Eau Claire for verification, and a refund would be promptly made.

No. 1121.

Sept. 9, 1907.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

The general freight agent of the above mentioned railway company applied to the Commission for authority to make refund on a certain shipment of lumber from Birchwood, Wis., to Kewaunee, Wis. It was pointed out that the C., St. P., M.

& O. Ry. carries an 11½ ct. rate to Kewaunee, that the "Soo" line carries the same rate only as far as Algoma. The application was for authority to protect this same rate between the stations involved in the shipment and arrange with the G. B. & W. R. R. to protect that rate on this particular shipment.

Held: That the adjustment could be made, provided the tariff in effect carried such a rate. Since the tariff in question, however, did not carry the rate, and since the shipment was made prior to the passage of sec. 8 of ch. 582, Laws of 1907, which gave this Commission authority to approve claims of this nature, the Commission was powerless to grant the authority asked for.

No. 1122.

Sept. 10, 1907.

Geo. W. Smith,

Madison, Wis.

RATES ON LUMBER.

Complainant, a wholesale lumber dealer, asked for a quotation of the rates on lumber, in carload lots, from Medford to Freeport, Ill., and to Chicago, Ill. The rates in question were compiled and forwarded.

No. 1123.

Sept. 12, 1907.

Hanson Bros.

Ashland, Wis.

WEIGHING OF CARLOAD SHIPMENTS.

The complaint in this case involved the question of state weights on shipments of grain. The complainant urged the appointment of a state weighmaster, and in reply was informed that the question was at that time under investigation by the Commission.

He was informed of the date of the hearing and requested to offer any suggestions which would be of assistance in arriving at a conclusion.

No. 1124.

Sept. 12, 1907.

Burlington Advancement Association, vs. *W. C. Ry. Co.*

Burlington, Wis.

C. & N. W. Ry. Co.

Formal complaint filed. See page 118.

No. 1125.

Sept. 14, 1907.

Wisconsin & Northern R. R. Co.

EMERGENCY RATES.

Application for authority to publish a rate of 13 cts. on railroad ties from sidings on the W. & N. R. R., between Crandon and W. & N. Jet., and Scandinavia, Wis., via W. & N. R. R., "Soo" line, W. C. Ry., and G. B. & W. Ry.

Application approved.

No. 1126.

Sept. 12, 1907.

*Evergreen Nursery Co., and Green Bay & Western R. R. Co.,
Sturgeon Bay, Wis.*

EMERGENCY RATES.

The complainants, shippers of tree seed, informed the Commission that the G. B. & W. R. R. Co. was about to make lower rates on its line, on tree seed in carloads and less than carloads, between certain points, and that it had already published a tariff from Grand Rapids to Sturgeon Bay. In order to handle large shipments, which it was necessary to move quickly to avoid the hazard of spoiling them, the shippers joined the railway company in a request for authority to make this rate effective immediately, instead of becoming effective at the end of the period provided by law.

The application was approved.

No. 1127.

Sept. 7, 1907.

*Badger State Tanning Co., vs. Railway Weighing and
Sheboygan, Wis. Inspection Bureau.*

1. WEIGHING OF CARS.

2. DEMURRAGE CHARGES.

The complainant alleged that the system of weighing carload freight employed by the railway companies is unjust and unreasonable, and that the irregular manner in which cars are handled makes it impossible for cars to be unloaded within the free time allowed.

Complainant was informed that both matters are under the jurisdiction of the Commission and will be considered if formal complaints are filed. Blanks for the same were enclosed, but no complaint has been received up to date.

The question of weighing of freight in carload lots was subsequently taken up in a general investigation by the Commission on its own motion. *In re Weighing Car Load Freight*, formal case, page 99.

No. 1128.

Sept. 6, 1907.

L. J. Justen,

Fond du Lac, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that he shipped from Oshkosh, Wis., a half barrel of ale, weight 160 lbs., for which he was charged 64 cts.; that he shipped from Chicago, Ill., seven cases of beer, weight 600 lbs., for which he was charged \$1.85. He desired to be informed why it was that he was charged 40 cts. per cwt. from Oshkosh and only 28 cts. per cwt. from Chicago.

Held: The rate from Oshkosh to Fond du Lac is not 40 cts. per cwt., but 10 cts. per cwt., and the shipment should have moved subject to a minimum charge of 40 cts. He was instructed to present his freight bill to the agent at Fond du Lac, upon which he would undoubtedly receive a refund of the overcharge of 24 cts.

No. 1129.

Sept. 11, 1907.

Franz Neam,

vs.

C. & N. W. Ry. Co.

Hurley, Wis.

ALLEGED EXCESSIVE PASSENGER FARE.

Complainant alleged that he was charged \$8.58 for a ticket from Dodgeville to Iron Mountain, Mich., as against \$5.87 in the opposite direction. He also complained of the rates from Madison to Hurley, \$5.90, as against \$7.00 from Iron Mountain to Madison.

The question, although interstate in character, was taken up with the railroad officials, and they explained that in the general revision of passenger fares, incident to the passage of the two-cent fare laws, some tariffs had not yet been reached, particularly those governing intrastate movements. The explanation was forwarded to the complainant, but the latter was returned unclaimed to the Commission.

No. 1130. Sept. 12, 1907.
Dells Paper & Pulp Co., *vs.* *W. C. Ry. Co.*
Eau Claire, Wis.
Formal complaint filed. See page 100.

No. 1131. Sept. 14, 1907.
Willson Bros.,
Edgerton, Wis.

ALLEGED DISCRIMINATION.

The complainants herein alleged that the railway companies operating in the state were discriminating in the matter of rates on return shipments. They alleged that in interstate traffic the roads allowed one-half of the regular rate on returned packages, while between points in Wisconsin shippers have no such privilege. The Commission addressed a letter of inquiry to the officials of the six largest companies operating in the state and received in reply absolute denial that such is the fact. They offered, as proof, the tariffs filed with the Commission, all of which contained a rule that return shipments, when unsalable or to be repaired, shall move at half rates. These facts were submitted to the complainants.

No. 1132. Sept. 17, 1907.
Figved Bros., *vs.* *C. & N. W. Ry. Co.*
Layton Park, Wis.

ALLEGED EXCESSIVE RATES.

Complainants alleged that previously the rules of the C. & N. W. Ry. permitted the forwarding to Layton Park, free of charge, packages addressed to them at Milwaukee, that these rules had been changed so that now the local rates were charged on such shipments.

The matter was taken up with the officials of the railway company, who explained that Layton Park takes the Milwaukee rate and that, if shipments were billed to that station instead of Milwaukee, no extra charge would be made. This was explained to complainants.

No. 1133.

Sept. 17, 1907.

*Collins Bros. Lumber Co.,
Madison, Wis.*

INQUIRY CONCERNING RATES.

1. Complainants inquired whether the decision and order of the Commission *in re Jones Lumber Co., v. C. & N. W. R. Co.*, 1 W. R. C. R., 520, whereby Wabeno was placed in the Wausau group, as regards lumber rates, applied also to joint rates of the C. & N. W. Ry. with other lines.

2. They inquired further whether it had not been formally decided that the shortest haul and lowest rate should apply from one point to another when no instructions as to routing of cars had been given.

Held: 1. That the decision and order in the above mentioned case did not apply to joint rates, inasmuch as only the C. & N. W. Ry. Co. was a party to the hearing in question. A copy of the decision was enclosed.

2. That the shortest route, making the lowest rate, should always be given to a shipment when no other route has been requested.

See *Hodges v. W. C. R. Co.* 1 W. R. C. R. 300.

No. 1134.

Sept. 13, 1907.

Wisconsin Central Ry. Co.

EMERGENCY RATES.

Previous to the filing of this application, local tariff, No. 13, W. R. C., No. 432, effective Aug. 20, 1907, and canceling W. R. C., No. 431, was filed with the Commission. It was issued to conform to the requirements of the Two-Cent Fare Law, but, on account of the short time allowed for preparation, it contained many typographical and clerical errors and this application is for authority to issue a corrected tariff effective immediately.

Application approved.

No. 1135.

In re STANDARDS OF SERVICE UNDER CHAPTER 499, LAWS OF 1907.

Transferred to formal utility file, No. 57.

No. 1136. Sept. 14, 1907.
Gus. Gustafson, *vs.* *C., B. & Q. R. R. Co.*
Ferryville, Wis.

SHIPPING REGULATIONS.

Complainant alleged that he wished to ship a consignment of apples, prepaid, from Ferryville to Boyd, Wis., but that the agent of the railway company refused to accept the prepayment farther than Minneapolis, and complainant asked to be advised regarding the matter.

Held: The agent should have accepted the prepayment for the through service, according to the western classification, which provides that apples in L. C. L. must be prepaid or guaranteed.

No. 1137. Sept. 17, 1907.
U'pham & Agler, *vs.* *M., St. P. & S. S. M. Ry. Co.*
Chicago, Ill. *C., M. & St. P. Ry. Co.*

ALLEGED OVERCHARGE—REFUND LAW NOT RETROACTIVE.

The complainant in this case shipped two carloads of lumber from Hawkins, Wis., to Racine, Wis., routed via Milwaukee. They alleged that the agent at Hawkins promised, that if the cars were routed in that manner, the through rate would be protected. The claim arose from the fact that this was not done, and the "Soo" line expressed itself as willing to make a refund on the basis of the through rate as promised.

The claims amounted to \$21.04 and \$26.54, and both the complainant and the railroad companies were informed that ch. 582, Laws of 1907, would apply to the matter in question if the claims had been filed within six months after date of shipment. Inasmuch as the construction of this section was still a matter of doubt, and inasmuch as the retroactive feature of the law was then before the Commission, the matter was held in abeyance until the case of the *Oshkosh Logging Tool Co. vs. C. & N. W. Ry. Co.* 2 W. R. C. R. 116, had been disposed of. A copy of this decision, holding that the chapter in question was not retroactive in scope, was afterward forwarded to the complainant, disposing of the claim.

No. 1138.

Sept. 14, 1907.

Village of North Milwaukee, *vs.* *C., M. & St. P. Ry. Co.*

COMPLAINT ALLEGING DANGEROUS CONDITION OF CROSSING.

The village of North Milwaukee, by its attorney, E. J. Henning, complained to the Commission of the failure of the C., M. & St. P. Ry. Co. to make a certain crossing in the village less dangerous. The matter has since been the subject of negotiation between the parties, and the Commission has been informed that it has been adjusted.

No. 1139.

Sept. 19, 1907.

J. W. Reynolds,
Green Bay, Wis.

STATION FACILITIES.

The complainant addressed a letter to the Commission inquiring as to the rights of shippers to have stations established at certain places along the railway company's right of way.

Held: That a formal petition is necessary. A copy of the law and blanks for formal complaint were enclosed.

No. 1140.

Sept. 23, 1907.

The City of Sparta, *vs.* *C. & N. W. Ry. Co.*

REDUCED TRANSPORTATION CHARGES TO MUNICIPALITIES.

The complainant desired to have large shipments of crushed stone from La Crosse and Ablemans, to be used for paving purposes, and secured a concession from the C. & N. W. Ry. Co. to transport the same at greatly reduced rates. The railway company wished to be protected in this matter and inquired whether it would be incumbent upon them, if they made the concession in this instance, to do likewise whenever any other municipality should make a similar application.

Held: That sec. 8 of the Railroad Commission Law permits railway companies to make lower rates to municipalities than to the general public.

No. 1141.

Sept. 26, 1907.

Wisconsin Central Ry. Co.

APPLICATION FOR AUTHORITY TO MAKE REFUND.

The tariff of the above named railway covering salt, cement, plaster and stucco, between Chicago, Milwaukee, Manitowoc and

stations on its line, provides for a rate of 6 cts. per cwt. A tariff was prepared but, by mistake, was not published, reducing the rate to 5 cts. Shipments having been made by the Helmer Milling Co., on which a charge of 6 cts. was made, the company therefore applied for authority to refund on a basis of a 5 ct. rate.

Held: Refund, if made, must be under the provisions of sec. 1797—37m, Laws of 1907.

No. 1142.

Sept. 20, 1907.

A. Shonat,

Galesville, Wis.

ALLEGED EXCESSIVE RATE.

The complainant alleged that conductors refused to accept a 2,000-mile ticket as transportation within this state. He was informed by the Commission that the 2,000-mile books, since the passage of the Two-Cent Fare Law, were being redeemed by the western passenger bureau, which would undoubtedly remit an amount sufficient to cover the unused portion of the mileage book.

A similar complaint was filed by W. E. Craley of Milwaukee, Wis., and the same suggestion was made to him.

No. 1143.

Oct. 1, 1907.

Hanson Bros.,

vs.

G. B. & W. R. R. Co.

Scandinavia, Wis.

ALLEGED OVERCHARGE.

The complaint in this case involved the freight charges on a steel tank, set up, shipped from Chicago to Scandinavia, for which, in the past, 50 cts. per cwt. had been assessed, but upon which, under date of Sept. 9, \$1.00 per cwt. had been charged.

Held: That the latter is the correct rate from Chicago to Scandinavia on steel tanks, set up, and that the lesser charge was undoubtedly made in error.

No. 1144.

Sept. 20, 1907.

Wisconsin Pipe & Fuel Co., vs. C., St. P., M. & O. Ry. Co.
Eau Claire, Wis.

ALLEGED EXCESSIVE SWITCHING CHARGES.

The complainant alleged that the railway companies doing business in Eau Claire claimed they were entitled to switching charges between the various roads on cars billed from non-competitive points. The complainant contended that the tariffs provide for switching at terminal points without extra charge. The switching charges assessed against it were \$3.00 per car.

Held: 1. C., M. & St. P. Ry. switching tariff, 4900 A, provides as follows:

"Unless otherwise provided, rates on carload shipments covered by tariffs of this company will include switching charges on connecting lines at point of shipment or destination, or both, when freight charges are \$15.00 or more."

2. The rule in effect on the W. C. Ry. is, in effect, substantially the same as that of the C., M. & St. P. Ry.

3. The rule of the C., St. P., M. & O. Ry. provides as follows:

"Unless otherwise provided in the tariffs of this company the following rule will govern as to the absorption of switching charges:

"This Co. will assume connecting line switching charges, but not to exceed \$5.00 per car, on all carload traffic except Grain Products when shipped against transit, at points of origin or destination, or both, subject to the following conditions:

"1st. When directly competitive with the line of Ry. upon which the industry is located.

"2d. When the tariffs of other lines of railway competing with this Co. for the traffic provide that the switching charge of the line of Ry. upon which the industry is located will be assumed."

Therefore, the C., St. P., M. & O. Ry. is the only one that can charge for switching carloads shipped over its own line to or from Eau Claire when freight charges are \$15.00 or more, and this only on non-competitive business. Complainant was further advised that he could test the reasonableness of these regulations by filing a formal complaint, for which blanks were enclosed.

No. 1145.

Sept. 27, 1907.

In re ADVERTISING SIGNS ON CARS.

Complaints were received by the Commission from the Mason-Donaldson Lumber Co. and the Robbins Lumber Co., both of Rhineland, Wis., to the effect that the railway companies had refused to allow the use of advertising signs on cars. They contended that heavy shippers of lumber had a large supply of signs on hand, aggregating an investment of hundreds of dollars, and that the promulgation of such a rule would cause a financial loss.

A copy of these complaints was forwarded to the railway companies doing business in the state, and complainants were advised that the matter was one outside of the Commission's jurisdiction.

The railway officials replied that the prohibition against posting advertisements on freight cars was not a new one; that the rule had been in effect for a number of years, though it had not been strictly enforced. They maintained that the practice had grown to such an extent that equipment was being seriously damaged; that it had become necessary, as a matter of protection, to provide a penalty on all cars delivered to connecting lines bearing posters or advertising matter upon them. The main objection to the posting and tacking of signs was, that the practice obliterated the numbers, initials and weight lettering, and in this way damaged the car.

No. 1146.

Sept. 23, 1907.

*Wisconsin Paper Stock Co.,
Neeah, Wis.*

INQUIRY CONCERNING RATES.

The above named company inquired for the rates on rags, carload lots, Faribault, Minn., to Neeah, which information was furnished.

No. 1147.

Sept. 19, 1907.

John Berg, *vs.* *C. & N. W. Ry. Co.*
Appleton, Wis.

STOPPAGE IN TRANSIT AND ROUTING.

The complainant ships live stock from Clintonville, Bear Creek, Sugarbush, Greenville and Appleton. He complained

that within the last year the C. & N. W. Ry. Co. had made an arbitrary ruling relating to the stoppage in transit and routing of cars. He inquired, 1, as to the shipper's rights to have two stops on a car of live stock without re-billing; 2, whether a shipper could route a car in any other than the most direct route and retain the right of stoppage to finish loading.

Held: 1. Under the tariff of the C. & N. W. Ry. cars of live stock may have only one stop in transit to finish loading, and then only when the *stopping station is on the direct line between points of shipment and destination*, at a charge of \$5.00 per car in the case of horses and mules, and of \$2.00 per car for cattle, hogs and sheep.

2. All freight must be billed by the most direct and the shortest route if the right of stoppage to finish loading is retained.

No. 1148.

Sept. 24, 1907.

*Fullerton-Powell Hardwood Lumber Co.,
Minneapolis, Minn.*

ALLEGED EXCESSIVE RATES.

The complainant called attention to unfair adjustment of rates in effect in this state and submitted the following points of origin and destination as samples of discrimination.

Centuria, Wis., to Janesville, Wis.....	13	cts.
Centuria to Milwaukee, Racine and Chicago	11½	"
Radisson to Janesville	12	"
Drummond to Janesville.....	12	"
Duluth, Ashland and Superior to Janesville	10	"

Complainant called attention to the higher rates from Centuria to Janesville, short haul, as compared with the rate to Milwaukee, Racine and Chicago.

Held: That the rates, as quoted, are correct, but that interior points, as compared with lake ports, take higher rates on account of the element of water competition entering into the adjustment of freight tariffs to points reached by water routes.

No. 1149.

Sept. 23, 1907.

*Leroy Colbert, vs. C., St. P., M. & O. Ry. Co.
Chetek, Wis.*

ALLEGED FAILURE TO SUPPLY CARS.

The complainant, a potato shipper at Chetek, complained that the railway company was discriminating against him in the mat-

ter of car supply. It appears that the complainant ordered cars for himself and also for another person, for whom he was acting as agent. The railway officials refused to furnish more than one quota of cars.

The situation was explained to the officials of the railway company and a double quota was supplied to him as principal and agent.

No. 1150.

Ripon Light & Water Co.

Transferred to formal utility docket, No. 19.

No. 1151.

Sept. 28, 1907.

William J. Starr,

Eau Claire, Wis.

ALLEGED OVERCHARGE.

The complainant alleged an overcharge of freight charged on twenty-six cars of logs shipped from the Rock Spur side-track to Weston.

He was advised as to the law and complaint blanks were furnished, but no complaint was filed.

No. 1152.

Oct. 3, 1907.

C. P. Cary,

vs.

I. C. R. R. Co.

Capitol, Madison, Wis.

CLAIMS.

Complainant alleged that a chair, valued at \$10.50, was lost out of a shipment of household goods, Madison to Chicago, in Oct., 1906.

Investigation on the part of the railroad company developed the fact that it was impossible to locate exactly the responsibility for the loss of the article. Circumstances point to a possibility of the loss having occurred somewhere else along the line, either before or after the carrier received the same.

No. 1153.

Oct. 2, 1907.

Frank Kretche,

vs.

C. & N. W. Ry. Co.

Manitowoc, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

The complainant herein alleged a lack of station facilities by the C. & N. W. Ry. Co. at Zemanville.

The matter was submitted to the officials of the railway company who denied the allegations; complainant was advised of this, but declined to file a formal complaint. The Commission was afterwards informed that the matter was adjusted between the parties.

No. 1154. Sept. 28, 1907.
Wisconsin Pipe and Fuel Co., *vs.* *W. C. Ry. Co.*
Eau Claire, Wis.

INSUFFICIENT TIME FOR UNLOADING.

Complaint was made to the effect that the demurrage charges imposed by the W. C. Ry. Co., at Eau Claire, are excessive, and that forty-eight hours should be allowed for unloading its cars, in view of the fact that cars are so frequently moved by the railway company during the free time allowed, thus making it impossible for consignees to unload cars within the time limit allowed.

The matter was submitted to the railway officials who replied, showing that the basing hours are 12 o'clock, at noon, and 7 a. m.; that time does not run on cars placed in the forenoon until 12 o'clock at noon, and on cars placed in the afternoon until 7 o'clock in the morning; that the congestion of cars was due, not to the switching on the part of the railroad company so much, as to the insufficient storage room provided by the shippers themselves, which made it impossible for them to handle all the cars which were shipped to them; that the facilities of the company are sufficient at Eau Claire and at Chippewa Falls; all of which was submitted to the complainant who was advised of its rights as to complaint to this Commission.

No. 1155.
Stevens & Jarvis Lumber Co.,
Eau Claire, Wis.
Formal complaint filed. See page 102.

No. 1156. Oct. 1, 1907.
Zien Brothers Co., *vs.* *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

NOTICE TO CONSIGNORS IN CASE OF UNCLAIMED SHIPMENTS.

The complainants alleged that the above named railway company did not promptly notify it of the refusal of goods by

consignees, and that when such goods were refused, they were shipped to the company's warehouse at Prairie du Chien and freight charged therefor.

The officials of the railway company replied, stating that the rules of the company provide for a notice of this kind; that in this particular case repeated notices had been sent to the complainant.

The above statements were forwarded to the complainants and they were advised that the matter at issue was one of fact between themselves and the railway company, and related to a claim over which the Commission had absolutely no jurisdiction.

No. 1157.

Oct. 2, 1907.

L. Rosenheimer Malt and Grain Co., vs. C. & N. W. Ry. Co.
Kewaskum, Wis.

ALLEGED EXCESSIVE RATES.

The complainant company alleged that the rates on malt from Kewaskum to points in northern Wisconsin were excessive.

The matter was submitted to the officials of the railway company who refused to reduce such rates, alleging that they were reasonable.

Complainants were advised that the matter was one of sufficient importance to warrant them filing a formal complaint, but no such complaint was received by the Commission.

No. 1158.

Sept. 27, 1907.

Wells and Chase, vs. W. C. Ry. Co.
Dorchester, Wis.

ALLEGED OVERCHARGE.

Complainants questioned the reasonableness of the charge of \$1.75 per ton on coal from Ashland to Dorchester, pointing out that the rate to Chippewa Falls, sixty miles further, over the same line, is but \$1.40 per ton. They claimed to be entitled to a refund of 35 cts., or more, per ton on the shipments.

An investigation showed that the rate charged was in accordance with the legally published tariff on file in this office; that there is no long and short haul provision in the Wisconsin Railroad Commission Law, therefore the lower rate to Chippewa

Falls and Eau Claire does not carry with it the same rate to intermediate points; that complainants' recourse would be to file a formal complaint.

No. 1159. Oct. 2, 1907.
Chris. Grossman, vs. *C., M. & St. P. Ry. Co.*
Portage, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

Complaint to the effect that trains, No. 5 and No. 2, on La Crosse division of the C., M. & St. P. Ry. would not stop at Lewiston.

The matter was submitted to the railway officials, who explained that the failure to stop at the station in question was an error on the part of trainmen that would not occur again, of which complainant was advised. See *Guldner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. R. Co.*, 1 W. R. C. R. 254.

No. 1160. Sept. 27, 1907.
W. R. Lyle,
Ripon, Wis.

CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY.

Inquiry whether ch. 454, Laws of 1907, relating to certificates of public convenience and necessity, applied to motor and electric railroads as well as to steam roads.

Held: That the law in question applies to motor and electric railways as well as to steam railways.

No. 1161.
Michigan State Telephone Co.,
Detroit, Michigan.

Transferred to formal utility file, No. 16.

No. 1162. Oct. 4, 1907.
La Fayette Telephone Co., vs. *C., M. & St. P. Ry. Co.*
La Fayette, Wis.

TELEPHONE SERVICE IN RAILWAY STATIONS.

Complainant alleged that the C., M. & St. P. Ry. Co. had refused, since June 1, 1907, to pay for the rent of a telephone in their depot at Gratiot.

The Commission enclosed blanks for a formal complaint against the railroad company, under ch. 614, Laws of 1907.

No. 1163.

Sept. 29, 1907.

Chicago, Milwaukee & St. Paul Ry. Co.

HILBERT JUNCTION COLLISION.

On Sept. 28 the above named railway company's train, No. 2, and an extra train collided about two miles west of Hilbert Jet. The officials of the company were asked by telephone to furnish a full report of the causes.

A copy of the orders under which the trains were running was submitted, also the rules of the company. From the report, the accident seems to have been due to a disobedience of orders and a disregard of rules by both train crews. The exact responsibility was not located.

No. 1164.

Sept. 20, 1907.

Wisconsin Central Ry. Co.

COLLISION AT BOYCEVILLE.

On the morning of Sept. 20 the above named railway company's train, No. 24, and extra train, No. 241, west, collided at Boyceville, and engineer Miller, of the passenger train, was instantly killed.

The company furnished additional details showing that the fault lay in the issuing of orders by a train dispatcher, who has since been discharged.

No. 1165.

Oct. 3, 1907.

Sell Bros.,

Sheboygan, Wis.

JOINT RATE GREATER THAN THE SUM OF LOCALS.

Complainants alleged that they were charged a through rate of 84 cts. per cwt. for transporting a case of cotton flannel underwear from Fremont, Ohio, to Sheboygan, Wis., while the sum of the local rates from Fremont to Chicago and from Chicago to Sheboygan is but 64 cts.

Held: The matter is outside of the jurisdiction of this Commission and under that of the interstate commerce commission; that the rule governing reads as follows:

“When two or more connecting carriers establish a joint rate which is less or greater than the sum of their local rates, such joint rate is a change of rates and requires a notice of thirty days. *A joint rate duly established and in force becomes the only lawful rate for through transportation.*” See *In re W. C. Ry. Co.*, informal case, No. 1168.

No. 1166.		Oct. 1, 1907.
<i>J. R. Monteith & Son,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Preston, Wis.</i>		

ALLEGED OVERCHARGE.

In the above entitled matter it is alleged that complainant, with the knowledge of the agent of the railway company, loaded at Preston, Grant county, Wis., a car to be shipped to Hudson, St. Croix county, Wis.; that the car contained emigrants' movables and seventeen head of live stock; that complainants were ignorant of the rule of the company, limiting live stock to ten head, and were charged \$32.40 above the regular car load rate as freight on the ten head of stock; wherefore complaint was filed.

Held: The jurisdiction of the Commission over claims is limited, 1. to an investigation, and, in its discretion, to a report relating thereto to the legislature, under the provision of sec. 32, ch. 362, Laws of 1905.

2. To hear the matter upon complaint by the person aggrieved that the rate charged is unreasonable under the provisions of sec. 1797—37m, Laws of 1907.

No. 1167.		Oct. 6, 1907.
<i>Alfred Beuchat,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>La Valle, Wis.</i>		

ALLEGED OVERCHARGE.

Complainant, by Jas. A. Stone, his attorney, alleged that he was quoted a rate on horses from Crawfordsville, Ind., to La Valle, Wis., of 67 cts. per cwt.; that the horses were shipped and the carload weighed 16,000 lbs., and the charge imposed at the rate of 79 cts. per cwt.

The tariff on file shows the rate at a minimum of 20,000 lbs. to be 67 cts. per cwt., while the rate at a minimum of 16,000 lbs. is 79 cts. as charged.

Held: That the rate charged is correct; there is no basis to the claim.

No. 1168.

Oct. 7, 1907.

Wisconsin Central Ry. Co.

JOINT RATE GREATER THAN THE SUM OF LOCALS.

Held: That, while differing from the rule of the interstate commerce commission, quoted in *re Sell Bros.*, informal case, No. 1165, this Commission has informally held that the rule to be followed should be, in effect, as follows:

“When there are in force between any two points different rates on the same commodity, the lowest published rate should apply.”

No. 1169.

Sept. 16, 1907.

*D. P. Clough,**Darien, Wis.*

ALLEGED EXCESSIVE AND DISCRIMINATORY RATES.

Complainant questioned the reasonableness of the rate on live stock, Darien to Milwaukee, 11 cts., when the same rate is charged to Chicago, forty miles farther.

Held: Whether or not the rates from Darien to Milwaukee are excessive can only be determined by a formal complaint.

No. 1170.

Oct. 1, 1907.

*H. E. Roscnow,**Oconomowoc, Wis.*

ALLEGED OVERCHARGE.

Complaint as to charge made for freight on a top buggy, from Evansville, Ind., to Oconomowoc, Wis.

The tariffs on file indicated that the rate charged was correct.

No. 1171.

Sept. 7, 1907.

In re APPLICATION OF LAWS TO CERTAIN CORPORATIONS.

The Dutch Hollow Lead and Zinc Mining Company, organized under the laws of Arizona, filed with the secretary of state copies of its articles of incorporation under the Wisconsin incorporation laws, and the usual license was issued. The powers of the company contained the usual blanket provisions, including the right to carry on businesses designated as public utilities under the Wisconsin Public Utilities Law. As the law provides that no foreign corporation can engage in business in Wisconsin,

sin as a public utility, and as ch. 576, Laws of 1907, requires a public service corporation to apply to this Commission for authority before it issues its stocks and bonds, therefore the attorney general was asked, 1, whether a foreign corporation with such powers could avail itself of the Wisconsin incorporation laws; 2, whether a corporation with such powers may issue stocks and bonds without first applying to this Commission for authority.

Reply was made, holding, in effect:

1. That the secretary of state has no jurisdiction to refuse a foreign corporation the right to file its articles because such articles contain provisions for receiving franchises which our statutes forbid a foreign corporation to receive,

2. That if a foreign corporation attempts to exercise such powers it may be restrained.

3. That ch. 576, Laws of 1907, applies only to domestic corporations.

No. 1172.

Oct. 4, 1907.

Waite & Waite,

vs.

C., M. & St. P. Ry. Co.

Oshkosh, Wis.

ALLEGED INADEQUATE SIDE-TRACK FACILITIES.

The complainant contemplated the shipping of large quantities of wire grass from the territory contiguous to the old station of Lewiston, and asked to have a side track installed.

The railway company maintained that the installation of a side track would be unsafe from an operating point of view. Copies of two formal orders relating to the same subject were forwarded to the complainant. See *Guildner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. R. Co.* 1 W. R. C. R. 254.

No. 1173.

Robert W. Iliff,

Alma Center, Wis.

Formal complaint filed. See page 108.

No. 1174.

Oct. 6, 1907.

Chicago & North Western Ry. Co.

INQUIRY CONCERNING LEGALITY OF REFUND.

The Illinois Steel Company was soliciting a refund on a shipment of bar steel, Bay View to Brillion, which the railway company did not feel safe in allowing on account of the provisions against rebating in the Railroad Commission Law. The shipment in question moved in March, 1905.

Held: That the shipment antedates the Railroad Commission Law and is, therefore, outside of the jurisdiction of the Commission.

No. 1175.

Sept. 23, 1907.

Green Bay & Western R. R. Co.

EMERGENCY RATES AND APPLICATION TO MAKE RETROACTIVE.

On Sept. 20 the above named railway company issued a tariff naming a concentration rate of 6 cts. per cwt. on cucumbers, etc., from Grand Rapids and intermediate points to Green Bay. Some of the shipments had already moved when this application was made, and the company desired to have authority to collect on the basis of a 6 ct. rate on all shipments, moved, moving, and to be carried.

Held: That the Commission has no authority to make any rate retroactive. Its power in this regard is limited to making a rate effective before the required time for publication has elapsed. See *Oshkosh Logging Tool Co. v. C. & N. W. R. Co.* 2 W. R. C. R. 116.

No. 1176.

Oct. 8, 1907.

Gund Brewing Co.,
La Crosse, Wis.

vs.

G. N. Ry. Co.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the Great Northern Ry. Co. insisted on applying third class rates to beer, as against a fourth class rate by all other companies.

The Commission asked for more specific information but none was furnished.

No. 1177.

Oct. 8, 1907.

*Hennepin Bridge Co.,
Minneapolis, Minn.*

INQUIRY CONCERNING RATES.

Complaint relating to rates on structural steel, by boat line, from Duluth to Port Wing, Wis.

Held: That the rates asked for involve an interstate water haul and are outside the jurisdiction of the Commission.

No. 1178.

*Harvey Spring Co.,
Racine Jct., Wis.*

Formal complaint filed. See page 115.

No. 1179.

Oct. 7, 1907.

*Badger Mfg. Co., vs. C., M. & St. P. Ry. Co.
Racine, Wis. C. & N. W. Ry. Co.*

ALLEGED DELAY TO SHIPMENTS.

The complainant alleged that goods shipped from points east of Chicago to Racine were delayed, on account of a disagreement on the part of the above mentioned companies with the lake transportation companies, as to what is their proper share of the revenue on such shipments.

The matter was taken up with the railway companies, who afterward advised that the troubles complained of had been remedied.

No. 1180.

Lake Superior-Southern Ry. Co.

Transferred to formal stock and bond file, No. 16.

No. 1181.

Oct. 10, 1907.

La Crosse & Southeastern Ry. Co.

EMERGENCY RATES.

Application for authority to make the reduction of the minimum charge on package freight from 40 to 25 cts., effective immediately.

Application approved.

No. 1182.

Oct. 11, 1907.

La Crosse & Southeastern Ry. Co.

EMERGENCY RATE.

The above named company applied for authority to grant a rate of a fare and one-third, Winona to La Crosse and return, for a teachers' meeting, Oct. 11 to Oct. 14.

Application approved.

No. 1183.

*Cook & Brown Lime Co.**Oshkosh, Wis.*

Formal complaint filed. See page 113.

No. 1184.

Oct. 9, 1907.

*F. J. Smart,**Oshkosh, Wis.*

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rate on wool, Waukesha to Chicago, was excessive, stating that it was 20 cts. per cwt., as compared with a rate of 42 cts. from Waukesha to Philadelphia.

An investigation of the tariffs on file in the office of the Commission showed that the Waukesha-Philadelphia rate is 59 cts. per cwt., and not 42 cts. per cwt., and complainant was so informed.

No. 1185.

Oct. 9, 1907.

*Washburn & Northwestern Ry. Co.,**Chicago, Ill.*

REPORTS.

The above named railway company, being asked to file its annual report with the Commission, alleged that it was not required to file a report as it was no longer operating as a common carrier.

No. 1186.

Oct. 11, 1907.

*Rev. B. Klein,**Fifield, Wis.*

ALLEGED INADEQUATE STATION FACILITIES.

Complainant alleged that the railway station building at Fifield was not, during the winter months, lighted or heated for passengers taking an early morning train.

The matter was submitted to the company, which made improvements in the service satisfactory to the complainant.

No. 1187. Oct. 14, 1907.
A. W. Mitchell, *vs.* *C. & N. W. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE FOR PASSENGER TICKET.

Complaint to the effect that the C. & N. W. Ry. Co. at Janesville charged \$5.44 for a railway ticket from that station to Rice Lake, and that the agent at Rice Lake, on the return trip, charged him \$5.55. He claimed to have been overcharged 11 cts. on the latter ticket.

Held: That the latter charge was in accordance with the legally published tariff, and that there was an undercharge of 11 cts. on the first ticket.

No. 1188. Oct. 14, 1907.
Medford Fruit Package Co. *vs.* *W. C. Ry. Co.*
Medford, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

The Medford Fruit Package Company complained that the W. C. Ry. Co. refused to furnish its cars for shipments destined to points off its lines.

The officials of the respondent company advised that every effort was being made to supply the needs of shippers, but in view of the car shortage it was necessary to keep the equipment of the company on its own rails.

No. 1189. Oct. 16, 1907.
D. N. Case, *vs.* *C. & N. W. Ry. Co.*
Baraboo, Wis.

ALLEGED INADEQUATE STATION SERVICE.

Complainant alleged that the C. & N. W. agent at Baraboo refused to sell him a through ticket and check baggage to Wautoma, a local point on the line of that company.

The correspondence developed that the difficulty arose from the fact that the agent was ignorant of the fact that Wautoma was a station on the lines of the C. & N. W. Ry., and complainant was advised thereof.

No. 1190. Oct. 14, 1907.
W. H. H. Macloon, *vs.* *C. & N. W. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE.

Complainant alleged that the rules of the C. & N. W. Ry. Co. regarding minimum weight to be charged on hay shipped over its lines was unreasonable; that the required minimum could not be loaded into many of its cars, and that on a shipment made from New Richmond to Janesville there had been, in consequence of the minimum charged, an overcharge of \$2.93.

Complainant was advised that the railway company makes its own rates, rules and regulations, and any shipper believing these to be unreasonable might make complaint to the Commission to that effect. Blanks for this purpose were sent to him.

No. 1191. Oct. 16, 1907.
W. S. Woods,
La Crosse, Wis.

PASSES.

The complainant informed the Commission that he, as engineer for the La Crosse Water Power Co., was directing the construction of that company's plant at Hatfield, Wis., on the lines of the G. B. & W. R. R. Co.; that, as such engineer, he directed the operations of the trains of the said railroad company which were used in transporting the building materials used by the Water Power Company; that he received no compensation from the railroad company, and stated that it was willing to give him a pass if it could be legally done, and asked the opinion of the Commission relating thereto.

Held: That sec. 8, ch. 362, Laws of 1905, names the excepted classes to whom passes could be issued and it was a question of fact whether or not complainant came within these classes.

No. 1192. Oct. 16, 1907.
O. J. Hawkenson, *vs.* *C., St. P., M. & O. Ry. Co.*
Ossco, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

Complaint regarding the train service on the Mondovi branch of the "Omaha" Ry. Co., alleging that it consists of two mixed trains daily, each way, except Sunday.

The matter was taken up with the railway officials, who submitted a detailed statistical statement, showing the service rendered and denying that the amount of the traffic justified anything additional, all of which was submitted to the complainant.

No. 1193.

Oct. 10, 1907.

*Chicago & Milwaukee Electric Ry. Co.,
Highland, Ill.*

INTERLOCKING PLANT.

The above railway company submitted blue prints showing the location of its crossing over the tracks of the Milwaukee & State Line Ry. Co., near Rawson, Wis., asking for the approval of the same by the Commission.

Application approved.

No. 1194.

Oct. 16, 1907.

Pantzer Lumber Co., *vs.* *C. & N. W. Ry. Co.
Sheboygan, Wis.*

DEMURRAGE.—ALLEGED FAILURE TO SPOT CARS.

Complainant alleged that the above entitled railway company was refusing to spot cars for unloading on its team tracks, because of some unliquidated demurrage bills which the Wisconsin Car Service Association had outstanding against it.

The matter was submitted to the Car Service Association, which submitted a brief in justification of its stand, contending that it was justified in refusing to render service to shippers who had refused to pay accrued bills.

Held: The rule governing in the above entitled matter is given in *Macloon v. C. & N. W. R. Co.* 5 I. C. C. R. 84, the syllabus of which reads as follows:

“Defendant’s railroad connects, at Janesville, Wisconsin, with the Chicago, Milwaukee & St. Paul Railway. Complainant is a merchant doing business at that point and having coal yards on the line of the latter road, but receiving shipments from points on the line of the defendant road, and his financial responsibility is not questioned in this proceeding. Carriers operating in that section of the country are members of a car service association, which has established a rule requiring the payment of demurrage charges when cars are retained by shippers more than forty-eight hours after receiving notice that such cars are in position to unload, and the rule is set forth by

the carriers in their bills of lading. Upon all the facts in this case,

Held: That the action of defendant in refusing, after payment of freight and offer of customary switching charges, to switch two carloads of coal to the connecting line for delivery at the coal yard of the complainant on such line unless he promised in advance to pay any demurrage charges that might be made, regardless of whether they were just or legally enforceable, was unreasonable, notwithstanding complainant had previously refused to pay demurrage charges on other cars switched to his siding, which he had failed to fully unload within the time prescribed by the rule, and defendant by retaining the coal in its possession and demanding such promise from complainant as a condition precedent to the performance of its duty as a carrier subjected the complainant to unlawful prejudice and disadvantage."

No. 1195.

Oct. 14, 1907.

F. A. De Boos,

Madison, Wis.

ALLEGED OVERCHARGE.

Complainant submitted to the Commission several expense bills covering shipments of household goods from Columbus, Ind., to Madison, Wis., upon which freight had been prepaid but, upon arriving at destination, an additional charge of \$5.00 was collected.

An investigation showed that the amount collected was based upon the legally published tariff.

No. 1196.

Oct. 12, 1907.

Northwestern Iron and Metal Co.,

Ashland, Wis.

MIXED CAR LOADS.—CLAIMS.

The complaint alleged: 1. An overcharge of freight on a mixed carload of hides, tallow and bones from Ashland to Milwaukee. 2. A loss in transit of tallow, due to the unnecessary time that elapsed between its receipt by the carrier and its delivery to the consignee.

Held: 1. There being no provision in the tariffs of the above named company for loading bones in the same car with hides and tallow, the shipment was given the legally published tariff rate.

2. The Railroad Commission has no power to compel the payment of claims. The matter is one for the courts alone.

No. 1197.

Oct. 15, 1907.

Badger-Pomeroy Co.
Chicago, Ill.

vs.

C., M. & St. P. Ry. Co.,
C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The complainant alleged an overcharge on a carload of lumber shipped from Rhinelander, Wis., to Brodhead, Wis., on the lines of the C. & N. W. Ry. and the C., M. & St. P. Ry. The rate from Rhinelander to Brodhead, via the M., St. P. & S. S. M. and C., M. & St. P. railways is 12 cts. per cwt. There being no joint rates via C. & N. W. and the C., M. & St. P. railways, the rates charged were the sum of the locals, which amounted to 16 cts. per cwt. The complainant contended that the C. & N. W. and the C., M. & St. P. railways should charge only the lowest rate in effect between the points in question and should, therefore, refund \$20.40.

Held: That the rate of 16 cts. per cwt. is the correct charge. The fact that there is a lower rate in effect, over a different route than the one given to the shipment, is no justification on the part of the railroad company for charging less than the published rate in effect over the route ordered.

No. 1198.

Oct. 14, 1907.

H. D. White,
Zanoni, Wis.

vs.

C. & N. W. Ry. Co.

ALLEGED OVERCHARGE.

The complainant alleged that the C. & N. W. Ry. Co. charged him 40 cts. on an iron casting shipped from Lake Mills to Zanoni, when the minimum charge on package freight should be but 25 cts.

Held: That the shipment in question moved over two different roads and is subject to a charge of 40 cts., minimum, under the tariff in effect at the time.* See *In re Wisconsin Chair Co.*, informal case, No. 1223. *In re Ira L. Henry*, informal case, No. 1205.

* The tariff has since been amended so as to read as follows: "The minimum charge on a single shipment of one or more classes shall be 100 lbs. at the third class rate, but in no case will the charge for a single shipment be less than 25 cents. Packages marked for two or more consignees cannot be accepted as a single shipment."

No. 1199.

Oct. 17, 1907.

*Chas. J. Hagen,**Black Creek, Wis.*

ALLEGED OVERCHARGE.

The complainant alleged that the C. & N. W. Ry. Co. is charging in excess of the published tariff rates for the transportation of logs shipped from Galloway, Wis., to New London Jet.; that the overcharges amount to from $\frac{1}{2}$ to 2 cts. per 100 lbs.

An examination of the tariffs showed that only the legally published rates were charged.

No. 1200.

Oct. 15, 1907.

W. H. Smith,

vs.

*American Express Co.**Mondovi, Wis.*

ALLEGING 1. EXCESSIVE CHARGES:

2. INADEQUATE SERVICE.

Complainant alleged that he purchased envelopes in Chicago, costing 51 cts.; that they were transported by the above named company to Mondovi, and the express charges thereon amounted to 55 cts. The shipment came C. O. D., and the company charged him 15 cts. for returning this amount to the consignor. Complaint was also made because the express company maintains no agent at Mondovi.

Complainant was advised that the matter related to interstate commerce and was, therefore, outside the jurisdiction of this Commission; that the rates charged appear to be the published rates of the express company; that the question of maintaining an agent at Mondovi was within the jurisdiction of the Commission, but that the matter could only be considered on a formal complaint.

No. 1201.

Oct. 18, 1907.

Monroe Planing Mill Co.,

vs.

*I. C. R. R. Co.**Monroe, Wis.**C., M. & St. P. Ry. Co.*

ALLEGED DELAYS.

The complainant alleged that three carloads of lumber shipped from Flanner, Wis., to Stearns Siding, near Monroe, were delayed in transit.

An investigation showed that the delay was the result of the congested condition of traffic, and also of the failure of consignor to route the car. The explanations were forwarded to the complainant.

No. 1202. Oct. 19, 1907.
Wolf River Paper & Fibre Co., vs. *C. & N. W. Ry. Co.*
Shawano, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of silicate of soda from Fortville, Ind., to Shawano, Wis., claiming that the legal rate was 13½ cts. per cwt., while the railway company claimed that it was 17 cts. per cwt.

The tariffs on file indicated that the legal rate was as claimed by the railway company. The matter is interstate and outside the jurisdiction of this Commission.

No. 1203. Oct. 22, 1907.
James E. Lyons,
Colby, Wis.

STATION TELEPHONE SERVICE.

Complainant wished to be informed whether or not it was lawful for a telephone company to render free service to a railroad company in its depot.

Held: That such free service would be a discrimination prohibited by the Public Utilities Law.

No. 1204. Oct. 21, 1907.
Erick Hendrickson, vs. *W. C. Ry. Co.*
R. F. D., No. 2, Chippewa Falls, Wis.

CLAIM FOR KILLING OF CATTLE.

Complainant alleged that the above named railway company refused to pay for the loss of a cow killed upon its right of way, alleging that the accident was due to the defective condition of the company's snow fences.

Held: That the matter of claims for damages for killing of cattle is outside the jurisdiction of the Commission.

No. 1205.

Oct. 21, 1907.

Ira L. Henry,
Watertown, Wis.

MINIMUM RATE ON SINGLE SHIPMENTS.

The railway companies having put into effect a tariff increasing the minimum rate to be charged on single shipments of freight, which rate was in effect for a short period and then was withdrawn and a lower rate substituted therefor, complainant wished to be advised whether such companies could not be compelled to refund the amounts charged in excess of the lower rate during the time the higher rate was in effect.

Held: That while the higher rate was in effect it was the legally published rate, and that refunds could not be made. See *H. D. White v. C. & N. W. Ry. Co.*, informal case, No. 1198; *In re Wisconsin Chair Co.*, informal case, No. 1223.

No. 1206.

Oct. 21, 1907.

Rev. H. J. Fuhrman,
Fall Creek, Wis.

1. CLAIMS FOR DAMAGES FOR PERSONAL INJURY;
2. STATION FACILITIES.

Complainant asked: 1. Whether he had a right of action for an injury sustained, due to defective lighting on a station platform; 2. Whether it was necessary for railway companies to light their station platforms.

Held: 1. That the matter of claims for damages for personal injuries is one for the courts and over which this Commission has no jurisdiction.

2. The necessity of lighting a station platform is a question which can be determined by the Commission only upon the filing of a formal complaint.

No. 1207.

Oct. 11, 1907.

J. C. Jordan,
Marshfield, Wis.

vs.

American Express Co.

ALLEGED OVERCHARGE.

Complaint relating to charge made by the above named company for transporting a domesticated buffalo from Elroy to St. Paul; the charges were made on the basis of double merchandise rates. The complainant alleged that the rate on cattle

should apply, which would reduce the charges on the shipment from \$30.00 to \$15.00.

The matter was taken up with the officials of the company, who maintained that the double merchandise classification on this shipment was correct, and refused to adjust. As the matter related to an interstate shipment, it was outside of the jurisdiction of the Commission, and complainant was so informed.

No. 1208.

Oct. 22, 1907.

Kanute Raum, vs. *C., St. P., M. & O. Ry. Co.*
Superior, Wis.

ALLEGED DAMAGES ON ACCOUNT OF FAILURE TO SPOT CARS.

Complainant presented to the Commission a claim for damages resulting from the delay on the part of the above named railway company to promptly spot several cars of live stock. On account of this delay several heads of stock were injured, causing financial loss to the owner of the same.

The matter was taken up with the officials of the railway, and the "Omaha" road replied promptly and informed the Commission that the delay complained of was on the Terminal Transfer Company's line of road, but that they would look into the matter. The matter remains unsettled.

No. 1209.

Lapp & Sturmer,
Dorchester, Wis.

Superseded by formal railroad case, *W. G. Tabor v. W. C. R. Co.*, p. 118.

No. 1210.

Oct. 23, 1907.

W. H. H. Macloon,
Janesville, Wis.

ALLEGED DELAYS.

Complainant alleged delay in transporting car of coal from Milwaukee to Janesville.

The matter was referred to the officials of the railway company, who agreed to investigate and report to complainant.

No. 1211.

Oct. 19, 1907.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.,

APPLICATION FOR AUTHORITY TO MAKE REFUND.

In the above entitled matter the railway company stated that the Wisconsin Elevator Co. shipped, from Hammond to Milwaukee, two cars, each car containing two kinds of grain, in bulk, separated by bulkheads; that its tariffs provided that when two or more kinds of grain, bearing the same rate, are shipped in the same car the grain must be sacked; that this was only a technical violation of the rule, and asked for authority to make a refund.

Held: If a refund is made, it can be only under sec. 1797-37m, Laws of 1907, which provides that, upon complaint of the shipper, and after hearing, the Commission may recommend a refund.

No. 1212.

Oct. 21, 1907.

*P. N. Knorrs,**vs.**C. & N. W. Ry. Co.**Blue Mounds, Wis.*

ALLEGED OVERCHARGE.

The complainant shipped two car loads of cattle from St. Paul to Blue Mounds, and claimed to have been overcharged \$18 upon the weight of the cars.

The matter was taken up with the claim department of the railway company, and settlement was made on a basis satisfactory to the complainant.

No. 1213.

*Joseph N. Theisen,**Sheboygan, Wis.*

See formal complaint, *City of Sheboygan v. Sheb. Lt. P. & Ry. Co.*, page 109.

No. 1214.

Oct. 17, 1907.

*Frank C. Southrada,**Chicago, Ill.*

INVESTIGATION OF ACCIDENT AT PHILLIPS.

In consequence of an inquiry whether or not the Commission had been notified of the killing, by the W. C. Ry. Co., on Aug. 22, 1907, of one J. Nevhida, at Phillips, Price county, Wis., the

Commission addressed the attorneys of the railway company regarding the accident, and asked why it had not been reported.

The railway company reported that it had no knowledge of such an accident.

No. 1216.		Oct. 22, 1907.
<i>G. M. Stephen,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Chicago, Ill.</i>		

ALLEGED EXCESSIVE RATE.

The complainant herein alleged that the rate charged by the above named railway company on cotton duck clothing, Milwaukee to Beloit, was excessive.

Held: That the rate charged was in accordance with the legally published tariff and can be changed only upon formal proceeding before the Commission.

No. 1217.		Oct. 26, 1907.
<i>Osseo Mercantile Co.,</i>		
<i>Osseo, Wis.</i>		

MINIMUM WEIGHTS FOR CARLOAD FREIGHT.

The complainant herein inquired whether the "cubical contents" determined the minimum weights on carloads of hay and straw, contending that such a basis would be more correct than the "weight capacity."

A list of minimum weights, based upon the sizes of various cars, was submitted to the Osseo Mercantile Company.

No. 1218.		Oct. 24, 1907.
<i>Dodge Creameries Co.,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Lake Mills, Wis.</i>		<i>C. & N. W. Ry. Co.</i>

DAMAGES BECAUSE OF DELAY.

Complainant alleged damages arising from failure of the above named railway companies to deliver, within a reasonable time, a consignment of butter, shipped from Loyal, Wis., to Elgin, Ill.

After correspondence between the railway companies and the Commission, the companies declined the claims, alleging that they were not liable, and that the shipment, being interstate, was not within the jurisdiction of the Commission.

No. 1219.

Oct. 26, 1907.

Standard Mercantile Co. *vs.* *C., M. & St. P. Ry. Co.*
Tomahawk, Wis.

COMPLAINT CONCERNING 1. CLAIM FOR OVERCHARGE FOR MISDIRECTED SHIPMENT;
2. STATION SERVICE.

Complainant alleged that the above named respondent railway company compelled complainants to pay for returning a shipment of goods to Gouda, Wis., on the C., M. & St. P. road, when it had been carried by mistake to Gonda, Wis., on the M., St. P. & S. S. M. Ry. Co. line, the responsibility for the misdirected shipment resting with the C., M. & St. P. Ry.

The matter was referred to the officials of the C., M. & St. P. Ry. Co., who adjusted it.

No. 1220.

Oct. 26, 1907.

George M. Bleecker, *vs.* *G. N. Ry. Co.*
Minneapolis, Minn. *C., St. P., M. & O. Ry. Co.*

ALLEGED DISCRIMINATION IN SERVICE.

The complainant alleged that the Great Northern and C., St. P., M. & O. railway companies were guilty of unlawful discrimination, by making offers to shippers to store their merchandise at the head of the great lakes during the winter.

The complainant was requested to submit specific facts showing the discrimination, which he failed to do.

No. 1221.

Oct. 28, 1907.

Farmers' Implement Co., *vs.* *United States Express Co.*
Seymour, Wis.

GOODS BROKEN IN TRANSIT.

Complainant herein alleged that the above named express company charged full freight for castings which have broken in transit, and refused to pay for the loss.

The matter was taken up with the officials of the company, and the complainant later informed the Commission that the company had settled both claims in full.

No. 1222.

Oct. 13, 1907.

Frank J. Grimm, *vs.*
Milwaukee, Wis.

G. B. & W. R. R. Co.

LOSS OF PART OF SHIPMENT.

The complainant alleged that the railway company was charging him for a car of coal on the basis of 77,000 lbs., when he received but 70,630 lbs. He complained that the company refused to make good to him the loss of the coal, and insisted that he pay freight on 77,000 lbs.

Held: The question of claims is one for the courts, and in this particular instance recovery should be sought for the overcharge and also for the loss of part of the coal.

No. 1223.

Oct. 30, 1907.

Wisconsin Chair Co.,
Port Washington, Wis.

MINIMUM WEIGHT ON SINGLE SHIPMENT.

Complainant herein asked to be advised whether or not it was entitled to a refund on all intrastate shipments which had been assessed on a basis of a 40 ct. minimum; and whether it would be legal for the transportation companies to make a refund on that basis.

Held: That, for a short period, 40 cts. was the legal minimum charge within this state, and while it was in effect no refund could be made except upon a formal decision by the Commission that the 40 ct. minimum was unusual or exorbitant. See *White v. C. & N. W. Ry. Co.*, informal case, No. 1198; *In re Ira L. Henry*, informal case, No. 1205.

No. 1224.

Oct. 30, 1907.

Stolle-Barndt Lumber Co. *vs.* *M., St. P. & S. S. M. Ry. Co.*
Tripoli, Wis.

ALLEGED INADEQUATE STATION FACILITIES.

The complainant sent to the Commission a copy of a petition made to the traffic department of the respondent railway company for better station facilities at Tripoli, Wis. The petition alleges that there was insufficient storage room for freight,

especially of a perishable nature, and that the accommodations for passengers were insufficient.

The matter was referred to the general manager of the company, who replied that he had looked into the matter and found that the facilities were not sufficient, and that he had arranged to improve them.

No. 1225.

J. H. Bowker, vs. *M., St. P. & S. S. M. Ry. Co.*
Strickland, Wis.

Formal complaint filed. See p. 112.

See 2 W. R. C. R. 514.

No. 1226.

Oct. 26, 1907.

Tri-State Mining Association,
Janesville, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the rates on coal, from Galena to Cuba City and Benton, were excessive and asked what would be a fair rate on carload lots of coal between the points mentioned.

Held: 1. That the matter relates to interstate commerce and is outside the jurisdiction of the Commission.

2. That the Commission cannot express itself as to what it would consider a fair rate without all the facts before it.

No. 1227.

Oct. 31, 1907.

H. E. Roethe, vs. *C., B. & Q. R. R. Co.*
Fennimore, Wis.

ALLEGED INADEQUATE TRAIN SERVICE.

The complainant forwarded a petition to the Commission, signed by a large number of people residing in the vicinity of Bagley, Wis., asking that the afternoon north-bound passenger train be stopped on signal at that station.

Some correspondence with the railway officials resulted in an adjustment, under the terms of which the railway company proposed to install a new local passenger train, which would reach Bagley at about 11 o'clock, a. m. The officials pointed out

that it would be impossible for them to stop the fast through trains, because such stops would make it impossible for them to make their trans-continental connections at Minneapolis.

No. 1228.

L. Stowe,

Washburn, Wis.

Formal complaint filed. See page 117.

No. 1229.

Oct. 16, 1907.

P. H. Hohenadel, Jr., Co., *vs.* *C., St. P., M. & O. Ry. Co.*
Janesville, Wis.

ALLEGED OVERCHARGE.

The complainant alleged that the respondent herein charged him 17 cts. per cwt. on a shipment of pickles in vats on tank cars, from Black River Falls to Janesville, when a commodity rate of 10 cts. per cwt. was in force between the points above mentioned.

Held: That the commodity rate applies only on pickles shipped in *bulk* and not in *vats*; rate charged was correct.

No. 1230.

Oct. 31, 1907.

A. B. Fetty,

La Farge, Wis.

INQUIRY CONCERNING RATES.

The complainant asked to be informed as to the minimum charge for package freight on interstate business in force between Chicago and La Farge.

He was informed that the Commission had been advised that the rate would be reduced to 25 cts. after Dec. 1, 1907.

No. 1231.

Oct. 25, 1907.

Wisconsin Paper Stock Co., *vs.* *C. & N. W. Ry. Co.*
Neenah, Wis.

ALLEGED EXCESSIVE RATES.

The complainant alleged that the C. & N. W. Ry. Co. was exacting a charge of 12.5 cts. on rags in bales from Neenah to Minneapolis, whereas the W. C. Ry. Co. was quoting a rate of

10 cts. The complainant enclosed correspondence with the proper official of the W. C. Ry. Co., in which was quoted a rate of 10 cts. per cwt., minimum 30,000 lbs.

The matter was referred to the railway company, who advised that the 10 ct. rate had been revoked and was no longer in effect, and that the proper rate between the points mentioned was 12.5 cts. per cwt.

No. 1232.

Oct. 20, 1907.

P. B. & E. W. Barlow,
Darlington, Wis.

INQUIRY CONCERNING RATES.

The complainant herein asked for the rate on milk, Darlington to Chicago, and whether the C., M. & St. P. Ry. Co. would haul milk on their early morning passenger train.

The rates were furnished and complainants were referred to the agent at Darlington for information regarding the train in question, the matter being interstate and outside the jurisdiction of the Commission.

No. 1233.

Oct. 23, 1907.

Dunbar Bros., et al, *vs.* *Wis. Car Service Ass'n.*
Milwaukee, Wis.

ALLEGED INSUFFICIENT TIME FOR UNLOADING.

The complainants (thirty commission men of Milwaukee) alleged that the above named association allowed Milwaukee dealers a total of but forty-eight hours for "sampling, selling and handling" hay, straw and feed; and that Chicago dealers were getting forty-eight hours to break bulk and forty-eight hours more to dispose of their shipments.

They were advised to file a formal complaint, which was not done.

No. 1234.

W. W. Johnson,
Augusta, Wis.

See formal complaint, *Elbertson v. C., St. P., M. & O. R. Co.*, page 138.

No. 1235. Nov. 2, 1907.
Dodge Creameries Co., *vs.* *W. C. Ry. Co.*
Lake Mills, Wis.

ALLEGED DELAYS TO SHIPMENTS.

Complainant alleged that the respondent railway company delayed shipment of twenty-six boxes of butter eight days, Marshfield to Chicago.

The matter was submitted to the officials of the railway company. As it related to interstate traffic, it was outside the jurisdiction of the Commission.

No. 1236. Oct. 31, 1907.
Stearns Brothers Co., *vs.* *I. C. R. R. Co.*
Monroe, Wis.

ALLEGED EXCESSIVE CHARGES.

The complainant alleged that the above named railroad company exacted a charge of \$2.00 for stopping a car to finish loading, and allowed only one stop to a car.

Held: That the charge of \$2.00 and the rule allowing but one stop to finish loading are based upon the company's legally published tariffs, and the reasonableness of these regulations can be determined only by a formal investigation. See *In re Joseph Stoneman*, informal case. No. 1096.

No. 1237. Oct. 21, 1907.
Nuzum-Hunter Lumber Co., *vs.* *C., M. & St. P. Ry. Co.*
Viola, Wis.

ALLEGED DISCRIMINATION IN RATES.

The complainant asked the Commission to state whether a rate of 7 cts. on brick, Madison to Viola, is reasonable, as compared with a rate of 8 cts. from Chicago.

Held: That the reasonableness of a rate can not be determined informally by the Commission, but only after formal investigation.

No. 1238. Oct. 2, 1907.
E. Spear, *vs.* *W. C. Ry. Co.*
Neenah, Wis.

CLAIMS.

Complainant alleged loss of baggage, checked between Neenah and Ladysmith.

The matter in dispute was the value of the contents of the baggage, which was outside the jurisdiction of the Commission, and complainant was so informed.

No. 1239. Oct. 31, 1907.
Milwaukee Bag Co.,
Milwaukee, Wis.

INTERSTATE RATES.

Complaint that rates on bags, bagging and burlap cloth, from Omaha and Minneapolis, give dealers at those points an advantage over Milwaukee dealers competing for business in states other than Wisconsin.

Held: The rates in question are interstate and the matter should be referred to the interstate state commerce commission.

No. 1240. Nov. 5, 1907.
L. H. Weyers, *vs.* *G. B. & W. R. R. Co.*
Collins, Wis. *W. C. Ry. Co.*

ALLEGED EXCESSIVE RATES.

The complainant alleged that he had been overcharged on a shipment of household goods from Shiocton to Collins, via the above named railways, that the rate charged was 61 $\frac{2}{3}$ cts. per cwt. and that the combination of the two local rates was in excess of the through rate, which should have been charged.

Held: That the rate charged is the legally published tariff rate, and that no joint rates are in effect between the two points named.

No. 1241. Nov. 7, 1907.
Merchants & Manufacturers Association,
Milwaukee, Wis.

CLASS RATES.

The complainant herein inquired whether the increase in class rates between Milwaukee and Sheboygan Falls, Port Washing-

ton, Sheboygan, Manitowoc, etc., from 30 to 50 per cent was authorized.

Held: The tariff in question was filed with the Commission on Oct. 28, was made effective Nov. 15, and complied with all the provisions of law to make it a legally published tariff.

No. 1242.		Nov. 7, 1907.
<i>John Schroeder Lumber Co.,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Milwaukee, Wis.</i>		

CLAIMS.

The complainant alleged that the above named railway had charged a joint rate of 27½ cts. per cwt. on a shipment originating at Ashland, Ky., and destined to Pewaukee, Wis. The sum of the two local rates would be only 21½ cts., or 6 cts. less than the joint rate in effect between the two points. The complainant maintained that the lesser charge should have been made on the shipment.

Held: That, in accordance with the ruling of the interstate commerce commission (tariff circular 14 A.) on interstate shipments, the published through rate is the legal rate, irrespective of what the sum of the two locals will amount to.

No. 1243.		Nov. 4, 1907.
<i>Dr. John E. Woerdin,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Minocqua, Wis.</i>		

ALLEGED DELAY IN TRANSIT AND EXCESSIVE RATES.

Complainant alleged that a car of coke was eight days in transit from Wausau to Minocqua, a distance of ninety-three miles, and he further complained that the rate of 6½ cts. per cwt. was excessive.

An investigation showed that there had been delay in giving billing directions by consignor, and that car was forwarded the day it was billed; that the rates charged were according to the published schedules on file in this department and therefore were the legal rates.

No. 1244.

Nov. 6, 1907.

*F. S. Crandall,**Shell Lake, Wis.*

MINIMUM WEIGHT—CAR LOAD—POTATOES.

Complainant wished to be informed whether the Commission had ever ordered the minimum weight on carload lots of potatoes reduced from 30,000 to 24,000 lbs.

Held: That no such order was ever issued by the Commission.

No. 1245.

Nov. 1, 1907.

*Colfax Store Co.,**Colfax, Wis.*

GRAIN RATES.

Complainant wished to be informed whether the change in grain rates, carload lots, Colfax to Ashland, from 10 to 12½ cts. per cwt. was authorized by the Commission.

Held: That since Sept. 29, 1903, the rate had been 12½ cts. per cwt.

No. 1246.

Nov. 5, 1907.

*John McGuire,**vs.**Marathon County Ry. Co.**Halder, Wis.*

Complainant alleged that the above named railway company refused to construct a spur or loading track at a point convenient for his use, and that it refused him "banking" ground for his logs upon the company's right of way.

The matter was submitted to the officers of the company, who submitted a proposition, presumably satisfactory to complainant, as he did not reply when it was transmitted to him.

No. 1247.

Nov. 6, 1907.

*C. Starkweather & Son,**vs.**C., M. & St. P. Ry. Co.**Beaver Dam, Wis.*

ALLEGED OVERCHARGE.

Complainants herein alleged overcharge on a shipment of wood from Brockton to Beaver Dam, said to be due to excessive weights.

The matter was referred to the officials of the railway company, who declined the claim, alleging that, as the stenciled

“tare and light weight” corresponded, there could be no foundation for the claim. The matter was outside the jurisdiction of the Commission.

No. 1248. Nov. 7, 1907.
Magedanz & Wolfrath, *vs.* *Big Falls Ry. Co.*
New London, Wis.

RATES AND SERVICE.

Above named railway company refused to accept saw logs for shipment and did not render prompt service on shipments of wood. Complainants also alleged that its charges for handling wood were excessive.

The company denied the allegations of complainants and a copy of its letter was forwarded to complainants, who did not reply.

No. 1249.
W. F. Scheckler.
Formal complaint filed. See page 115.

No. 1250. Nov. 1, 1908.
Cabbage Growers' Association *vs.* *C., M. & St. P. Ry. Co.*
Burlington, Wis.

ALLEGED FAILURE TO SUPPLY CARS.

Complaint was made that the above named company was not furnishing cars to move cabbages from Union Grove to points without the state.

The matter was taken up with the officials of the company and the Commission was later informed that cars were supplied and the situation relieved.

No. 1251. Nov. 9, 1907.
W. T. Kelsey, *vs.* *C., M. & St. P. Ry. Co.*
Madison, Wis.

LOST MILEAGE.

Complainant alleged the loss of a mileage book containing unused transportation.

The matter was taken up with the officials of the company, who advised the Commission that the refund would be made if

complainant would furnish an indemnifying bond protecting the company from loss, which was furnished and the claim was paid.

No. 1252. Nov. 9, 1907.
Baldwin Mercantile Co., *vs.* *C., M. & St. P. Ry. Co.*
Sparta, Wis.

INTERSTATE RATES.

Complainant alleged that the rate on nails and wire, from Cleveland, Ohio, to Sparta, is in excess of the rate to La Crosse.

The matter was submitted to the officials of the railway company, who declined to change their rates, stating that the rates to La Crosse are made necessary by Minneapolis and St. Paul competition, and that the rates to Sparta are reasonable in themselves. A copy of the company's letter was sent to the complainant, and he was advised of the Commission's lack of jurisdiction.

No. 1253. Nov. 12, 1907.
Wisconsin Pulp and Paper Mfrs. Association.

PAPER RATES.

Complaining of the proposed advance in rates on paper from Fox River Valley Mills, Wisconsin Run Mills and Northern Wisconsin Mills to points in Wisconsin and other states.

The matter was submitted to the officials of the railways, who advised the Commission that there had been an adjustment of rates from eastern mills to the points spoken of in complainant's letter, and that the interests of complainant in no way suffered by the change in rates from the Wisconsin mills.

This was submitted to complainant with the statement that the matter was largely interstate and, therefore, outside the jurisdiction of the Commission.

No. 1254. Nov. 14, 1907.
Hugh C. Jones, *vs.* *W. C. Ry. Co.*
Sherry, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complaining that the above named company still makes 40 cts. its minimum charge for transporting freight.

An investigation showed that the charge made was on shipments from Chicago, and therefore outside the jurisdiction of

the Commission, and complainant was so informed. See formal railroad case No. 191, page 95.

No. 1255.		Nov. 15, 1907.
<i>Newman & Frisch,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Milwaukee, Wis.</i>		

CLAIMS.

Complaining that the above named railway had failed for a year to settle certain claims for goods lost in transit.

The matter was taken up with the general claim agent of the company, who, on Nov. 20, mailed complainant a check in full,

No. 1256.		Nov. 16, 1907.
<i>Cady & Strehlow,</i>		
<i>Green Bay, Wis.</i>		

CATTLE GUARDS.

Inquiring whether the Commission had made an order determining what was a sufficient cattle guard.

Held: No such order has been made.

No. 1257.		Nov. 16, 1907.
<i>B. P. & E. P. Barlow,</i>		
<i>Darlington, Wis.</i>		

LIVE STOCK RATES.

Inquiring why the freight rate on sheep does not conform to the rates on "live stock" in the order made by the Commission.

The order entitled *In re Rates on Live Stock*, 1 W. R. C. R. 778, discusses the question at length and a copy thereof was sent to complainant.

No. 1258.		Nov. 13, 1907.
<i>I. Barnett & Son,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Milwaukee, Wis.</i>		

RATES ON RAGS AND JUNK.

Complainant shipped car containing rags and junk from Beloit to Milwaukee and was charged the Class C rate, 8 4-10 cts. per cwt., and complained that the rate was excessive.

Held: Scrap iron, straight carloads, takes Class D rates. Rags in straight carloads or in mixed carloads with scrap paper

and old rope, takes Class D rates (minimum 30,000 lbs.) P. 68, item 46, western classification. This classification provides for mixing rags and scrap iron at Class C rates.

Class C rate, Beloit to Milwaukee is 8 4-10 cts. per cwt., while Class D rate between same points is 6 1-2 cts. per cwt.

Rule No. 7, western classification, reads "when rate of carload is not named, the classification which is given will govern, *and no two or more articles having a carload rate shall be shipped in mixed carloads at the carload rate.*"

No. 1259.

Nov. 15, 1907.

H. J. Schneider,

Two Rivers, Wis.

FREIGHT ON INTERURBAN RAILWAYS.

Inquiring whether an interurban road, with a franchise for passengers only, could also haul freight.

Complainant was informed that his question was indefinite; that an opinion thereon could not be given. Complaint blanks were forwarded him and he was advised he could file a complaint which would be considered.

No. 1260.

Nov. 18, 1907.

M. L. Fugina, *vs.*
Fountain City, Wis.

C., B. & Q. R. R. Co.

TRAIN SERVICE.

Complaining because the above named railroad had discontinued Fountain City as a flag station for certain trains from the Twin Cities to Chicago.

The matter was submitted to the officials of the company, who declined to stop the trains in question, of which complainant was informed, and he was advised that his only recourse was to file a formal complaint.

No. 1261.

Nov. 15, 1907.

Oshkosh Fuel Co., *vs.*
Oshkosh, Wis.

C. & N. W. Ry. Co.

CLAIMS.

Enclosing a claim against above named railway company, alleging an overcharge in a shipment of cord wood, Elmhurst to Sheboygan.

The rates were investigated and the matter was submitted to the officials of the railway company, who paid the claim.

No. 1262.		Nov. 19, 1907.
<i>Shawano Fuel Co.,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Shawano, Wis.</i>		

CLAIMS.

Complainant alleged an overcharge on a car of hard coal, shipped from Green Bay to Shawano.

The matter was investigated by the Commission and taken up with the officials of the company, who admitted their error in declining the claim and remitted the amount in dispute to complainant.

No. 1263.	Nov. 20, 1907.
<i>Chicago, Milwaukee & St. Paul Ry. Co.</i>	

EMERGENCY RATES.

Application for authority to make immediately effective rate of 7½ cts. per cwt. on salvage grain, Superior to Milwaukee.
Application approved.

No. 1264.	Nov. 22, 1907.
<i>Northern Pacific Ry. Co.</i>	

EMERGENCY RATE.

Application for authority to make immediately effective a rate of 7½ cts. per cwt. in salvage grain, Superior to Milwaukee.
Application approved.

No. 1265.	Nov. 25, 1907.
<i>In re</i> LONG AND SHORT HAUL CLAUSE.	

In the above entitled matter was an investigation to determine whether or not the long and short haul clause carried on a distance tariff applies to all other tariffs making rates for the same distances in the same territory.

Held: The long and short haul clause, published in a tariff, applies only to the tariff in which it appears, and if such tariff does not bear the long and short haul clause, it is taken to mean that it is not the intention to apply the rates shown in such tariff as maxima at intermediate points.

No. 1266. Nov. 20, 1907.
O. B. Schulz, *vs.* *C., M. & St. P. Ry. Co.*
Racine, Wis.

RATES ON HAY.

Complaining of freight charged on hay shipped from Corliss to Milwaukee.

An investigation showed that there had been an overcharge, and complainant was advised to present his claim with Commission's letter to the railway company.

No. 1267. Nov. 22, 1907.
Badger Telephone Co., *vs.* *C., M. & St. P. Ry. Co.*
Oconomowoc, Wis.

TELEPHONE IN RAILWAY STATION.

Complaint to the effect that the railway company refuses to pay its telephone bills.

Held: Free telephone service is prohibited and must be discontinued.

No. 1268. Nov. 21, 1907.
J. W. Burkholder, *vs.* *C., St. P., M. & O. Ry. Co.*
Hudson, Wis.

CLAIMS.

Claim for damages on account of certain household goods injured in transit.

The matter was taken up with the officials of the company, who promised to adjust the matter to the satisfaction of complainant.

No. 1269. Nov. 22, 1907.
L. M. Goldberg, *vs.* *C. & N. W. Ry. Co.*
Marion, Wis.

CLAIMS.

Complainant alleged an overcharge on a carload of potatoes shipped from Marion to Odanah.

The matter was investigated and the shipment appeared to have moved on the legally published rate, and complainant was so informed.

No. 1270. Nov. 22, 1907.
Clad Royse, vs. *C., M. & St. P. Ry. Co.*
Columbus, Wis.

CLAIMS.

Complaining of an alleged overcharge in freight on two horses, shipped Paris, Ky., to Columbus, Wis.

The matter was investigated and it was determined that there was an overcharge, and complainant was advised to file his claim with the railway company.

No. 1271. Nov. 21, 1907.
La Crosse and South Eastern Ry. Co.

TARIFFS.

Inquiring whether it is permissible "to use a joint through freight rate from one station to another in the state of Wisconsin to meet rates made by competing line without applying such rate to and from intermediate points."

Held: If the legally published tariffs provide for it, there is nothing in the statute to prohibit it.

No. 1272. Nov. 22, 1907.
R. H. Hawkins, vs. *C., St. P., M. & O. Ry. Co.*
Milacca, Minn.

CLAIMS.

Complainant alleged a loss of two sacks old rubbers, shipped from Rice Lake to Milwaukee.

The matter was investigated and it was found that the railway company held consignee's receipt for the freight.

No. 1273. Nov. 25, 1907.
Upham & Agler, vs. *C. & N. W. Ry. Co.*
Chicago, Ill.

CLAIMS.

Alleging an overcharge in a shipment of lumber from Holcombe to Janesville.

An investigation showed that the correct rate had been charged.

No. 1274.

Nov. 20, 1907.

*Roddis Lumber & Veneer Co.**Marshfield, Wis.*

APPLICATION FOR AUTHORITY TO DISCONTINUE AS COMMON CARRIER.

The above named company operates a railroad twelve miles long, running in a northwesterly direction from Park Falls into Ashland county. It was constructed for the purpose of hauling certain forest products from the lands which the above named company owned in the section through which the railroad runs. Their total gross earnings for the year ending Dec. 31, 1906, amounted to but \$354. In the above entitled matter they applied to the Commission for authority to discontinue business as a common carrier.

The matter was taken under advisement and no action thereon has ever been taken, nor has the company asked anything further relating to it.

No 1275.

Nov. 25, 1907.

*Eastern Wis. Ry. and Light Co.,**Fond du Lac, Wis.*

STATIONS.

Asking whether it would be necessary for it to build a depot in North Fond du Lac.

Held: The Commission, knowing nothing of the circumstances, expressed no opinion thereon.

No. 1276.

Nov. 25, 1907.

Wisconsin & Northern Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, a tariff showing new stations north of Neopit and to Van Ostrand.

Application approved.

No. 1277.

*William Ricnow,**vs.**W. C. Ry. Co.**Loyal, Wis.*

Formal complaint filed. See page 118.

No. 1278. Nov. 29, 1907.
Rotstein Brothers, vs. *C. & N. W. Ry. Co.*
Janesville, Wis.

RATES.

Complaining that rates on junk from Janesville to East Chicago, Ill., had been increased.

The matter being outside the jurisdiction of the Commission, it was taken up informally with the officials of the railway company, who explained it was discovered there were some inconsistencies in scrap iron rates, and in adjusting these, it had become necessary to advance the rates between the points in question from \$1.00 per ton to \$1.30 per ton, and increase the minimum from 30,000 lbs. to 40,000 lbs.

No. 1279. Nov. 26, 1907.
C. Starkweather & Son,
Beaver Dam, Wis.

RATES.

Complaining of charge made on a shipment of maple clippings from Hermansville, Mich., to Beaver Dam.

There was not sufficient information furnished to enable the Commission to investigate the matter, and complainants were asked to furnish further facts, which they did not do.

No. 1280. Nov. 26, 1907.
E. Brookins, vs. *C., M. & St. P. Ry. Co.*
Gays Mills.

RATES.

Complaining of the charge made for transporting a car of apples, Gays Mills to Milwaukee.

The matter was investigated and the shipment appeared to have moved in the regularly published tariff rate, and complainant was so informed. He was also informed of the law governing complaints.

No. 1281. Nov. 26, 1907.
F. J. Swart,
Waukesha, Wis.

RATES ON WOOL.

Asking for rates on wool C. L. from Bruse, Wis. to Racine. He was informed that the W. T. L. rule 91, provides for
19—R. R.

"wool in sacks, carloads, minimum weight 16,000 lbs., 3rd class rate." M., St. P. & S. S. M., G. F. D. 3785 names 3rd class rate between the points in question of 44 cts. per cwt.

No. 1282. Nov. 28, 1907.
Theodore Gander, *vs.* *T. M. E. R. & L. Co.*
Milwaukee, Wis.

ALLEGED FAILURE TO OPERATE A STREET CAR LINE.

Alleging that the above named company operates no cars over its North avenue extension in the city of Milwaukee.

The matter was taken up with the officials of the company, who advised the Commission "that cars have not been operated on North avenue west of 30th street, for the reason that up to the present time the city has not passed a franchise permitting it." Other reasons were alleged, and references made to the decision of this Commission *in re City of Milwaukee vs. T. M. E. R. & L. Co.* 2 W. R. C. R. 662.

No. 1283. Nov. 22, 1907.
Wolf River Paper & Fibre Co. *vs.* *C. & N. W. Ry. Co.*
Shawano, Wis.

CLAIMS.

Complainant submitted the papers in six claims, which it alleged the above named company had unjustly declined to allow.

The claims all related to interstate shipments, and as such were outside of the Commission's jurisdiction. The matter was taken up with the officials of the railway company, and, after some correspondence, one of the claims was paid and the others finally declined.

No. 1284. Nov. 22, 1907.
In re MAIL CONNECTIONS AT MADISON.

Complainant alleged that the train leaving Milwaukee at 1:40 p. m., daily, maintains a service which is insufficient for the needs of the public, in that it is frequently behind time, failing to reach Madison in time to have mail transferred to the I. C. R. R. train, leaving Madison at 4:30 p. m.

The matter was submitted to the officials of the C., M. & St. P. Ry. Co., who submitted a report showing record of the train for the month of November, 1907. This was submitted to complainant, who was advised of his rights as to complaints against railways before this Commission.

No. 1285.

Nov. 22, 1907.

*C. R. Marks, et al.,**vs.**I. C. R. R. Co.**Hollandale, Wis.*

TELEGRAPH SERVICE.

In the above entitled matter a petition was filed with the Commission signed by a large number of residents in and about the village of Hollandale, to the effect that the above named railroad company "is about to remove its telegraph instruments from a number of stations on its line between Red Oak, Illinois, and Dodgeville, Wisconsin," and petitioning this "Commission to take such action as may be necessary to prevent the said company from discontinuing the telegraph service on the line in question if possible."

The question involved in this matter is the same as that involved in similar complaints filed against other railways before this Commission. See page 120.

In the complaint herein, the general manager of the above named railroad advised the Commission, after some correspondence on the question, that no change would be made at Hollandale for the present.

The complainants were advised of this and the matter is closed.

No. 1286.

Dec. 3, 1907.

*Edward W. Guildner,**vs.**C., M. & St. P. Ry. Co.**Kilbourn, Wis.*

TRAIN SERVICE.

Complainant alleged that the above named railway company had discontinued stopping the trains No. 2 and No. 5 at Lewiston, in violation of the order of the Commission *in re Guildner v. C., M. & St. P. R. Co.* 1 W. R. C. R. 102.

It appears that the time of the train known as No. 2 had been changed so it passed through Lewiston at midnight, which made it of little value to the citizens of that point.

The matter was referred to the officials of the company.

No. 1287.

Dec. 4, 1907.

Green Bay & Western R. R. Co.

ERROR IN ROUTING; REFUND PETITION.

Application for authority to make a refund owing to an error in routing.

Held: That claims of this nature should properly be made by the claimant filing a complaint under the provisions of sec. 1797—37m, Laws of 1907.

See *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300; *Alart & McGuire v. G. B. & W. R. Co.* 2 W. R. C. R. 340.

No. 1288.		Dec. 5, 1907.
Wm. Trachte,	vs.	W. C. Ry. Co.
Watertown, Wis.		

CLAIMS.

Complainant alleged he had shipped a consignment of butter from Amherst to Philadelphia, that the butter went by mistake to New York, where, to save loss, it was sold, but proceeds were not remitted to complainant nor was his claim for damages paid.

The matter was submitted to the officials of the railway company who stated that the delay in the claim was due in part to the removal of its general offices from Milwaukee to Chicago, but that the matter was being looked after and that he would be advised as soon as the eastern roads could be heard from.

No. 1289.		Dec. 5, 1907.
E. F. Nelson,	vs.	C. & N. W. Ry. Co.
Elmhurst, Wis.		

ALLEGED INSUFFICIENT SHIPPING FACILITIES.

Complainant alleged that the above named railway company has insufficient ground at Elcho for piling pulp wood for shipping.

The matter was taken up with the officials of the company, who stated that if complainant would apply to the division superintendent, space would be assigned to him.

No. 1290.		Dec. 3, 1907.
Dells Lumber & Shingle Co.,	vs. C., St. P., M. & O. Ry. Co.	
Eau Claire, Wis.		

ALLEGED EXCESSIVE FREIGHT CHARGES.

Complainant of charge made for shipping a pair of engine trucks, Eau Claire to Whitewater, it appearing that complainant was charged at a rate of 5.000 lbs.

Held: The shipment was charged at legally published tariff rates.

No. 1291.

Nov. 29, 1907.

A. E. Parkinson, vs. *C., M. & St. P. Ry. Co.*
La Crosse, Wis.

ALLEGED EXCESSIVE PASSENGER FARE.

Complainant alleged that the agent of the above named railway company at Minocqua charged him \$3.43 for a ticket to Tomah, that he had before been charged \$3.23 for a ticket between the same points.

An investigation of the tariffs on file in this department showed that there was a difference in the rate between the points in question, depending on the routing. A compilation of the rates was sent complainant.

No. 1292.

Dec. 5, 1907.

George W. Smith,
Madison, Wis.

LUMBER RATES.

Asking the rates on lumber from Tigerton and Whitecomb to Freeport, Illinois, which were compiled and sent complainant.

No. 1293.

Dec. 5, 1907.

Wisconsin Pipe & Fuel Co.,
Eau Claire, Wis.

COAL RATES.

Complainant alleged that while the rate on hard coal, from Ashland to Eau Claire, is \$1.40 over the line of the W. C. Ry. Co., that company is charging \$1.85 per ton on the same commodity to intermediate points.

Held: There is no long and short haul provision in the Wisconsin Railroad Commission Law; that if complainant deems the present rates excessive, a complaint to that effect would be considered.

No. 1294.

Dec. 10, 1907.

C. Starkweather & Son, vs. *C., M. & St. P. Ry. Co.*
Beaver Dam, Wis.

CORD WOOD RATES; RECONSIGNING CHARGE.

Complainants alleged that they were charged 8½ cts. per cwt. on cord wood, shipped from Wells, Mich., to Beaver Dam, while

the rate from Wells to Waupun is 7½ cts. They also complained that the company charged \$2 per each car that was reconsigned.

Held: The rates as quoted by complainant are correct, and being the regularly published tariff rates, they must be charged; that they relate to interstate traffic and as such are outside of the jurisdiction of this Commission; that the reconsigning rule of the company provides that: "Freight of all kinds, except fruit and vegetables, when no change has been made in the same, may be reconsigned before delivery to a point beyond on the direct line at an additional charge of \$2 per car above current tariff rate from point of origin to final destination, subject to car service and storage charges; one consignment only to be allowed."

No. 1295.

Dec. 20, 1907.

Ed. Efaw,

vs.

W. C. Ry. Co.

Bennet, Wis.

HIGHWAY CROSSING.

Complainant is the town clerk of the town of Nebagamon, Douglas county, Wis., and alleged that a highway crossing in that town, over the tracks of the above named railway company, was dangerous.

The matter was taken up with the officials of the company, and, after correspondence, improvements were made by the company in the crossing, which were satisfactory to the town officials.

No. 1296.

Dec. 9, 1907.

W. L. Downton,

vs.

C. & N. W. Ry. Co.

Milwaukee, Wis.

STATION FACILITIES.

Complainant alleged that the Lac du Flambeau station, on the line of the above named company, was not kept open after six o'clock in the evening.

The matter was submitted to the officials of the company, who advised the Commission that arrangements had been made to have the station open and warm for the accommodation of passengers taking trains between six o'clock in the evening and six o'clock in the morning.

No. 1297.

Dec. 10, 1907.

*J. Buchholz,**Glen Flora, Wis.*

STATION FACILITIES.

Inquiring whether a railway company must furnish provisions for banking wood, logs and other forest products along its road tracks. Additional information was asked for but not furnished.

No. 1298.

Dec. 5, 1907.

Merchants' & Manufacturers' Ass'n, vs. C. & N. W. Ry. Co.
Milwaukee, Wis.

CLASS RATES, INCREASE IN.

The complainant in the above entitled matter alleged that the C. & N. W. Ry. had recently increased class rates between Milwaukee, Sheboygan Falls and other points from 30 to 50 per cent, and that the company claimed that the increase was made necessary by a recent readjustment of rates between Manitowoc and Green Bay.

The complainant was advised that the Commission could express no opinion as to the reason for or justice of the changes in question; that such changes were not made in consequence of any action on its part; that if complainant was dissatisfied, a formal petition in the matter might be filed, and if filed would be considered.

No. 1299.

Dec. 27, 1907.

*Colin W. Wright,**vs.**I. C. R. R. Co.**Monroe, Wis.*

TRAIN SERVICE.

Complainant alleged that the above named railway company had discontinued its Sunday train and its morning passenger train, north, and evening passenger train, south, from Madison to Freeport. The matter was taken up with the officials of the company, who advised the Commission that the general policy of retrenchment necessitated the abandonment of these trains, as they were unremunerative. Complainant was advised of the company's reply, and was informed that his only recourse would be to file a formal petition.

No. 1300. Dec. 12, 1907.
William Lewton, vs. *C., M. & St. P. Ry. Co.*
Stoughton, Wis.

CLAIMS.

Complainant alleged that he shipped a consignment of empty barrels from Stoughton to Madison, eleven of which were lost in transit, and that he had not been able to secure a settlement of the matter with the railway company.

The matter was taken up, and the railway company soon after advised the Commission that the claim had been adjusted.

No. 1301.
C. J. Rooker, vs. *C., M. & St. P. Ry. Co.*
Minocqua, Wis.

FREIGHT RATES.

Complaint of an alleged overcharge on shipment of coal, Wausau to Minocqua.

No. 1302. Dec. 9, 1907.
Robert Blackburn, vs. *C. & N. W. Ry. Co.*
Milwaukee, Wis.

LUMBER RATES.

Complaining of rate charged on a carload of lumber shipped from Birnamwood, on the above named railway, to Random Lake, on the C., M. & St. P. Ry.

The rates were investigated and found to be based on the sum of the two locals, which was the legally published tariff rate, there having been no joint rate in effect between the points in question.

No. 1303. Dec. 12, 1907.
Cooper & Maron Lumber Co., vs. *W. C. Ry. Co.*
Milwaukee, Wis.

LUMBER RATES.

Complainant alleged an overcharge on a carload of cedar shingles, shipped from Marinette to Colfax, Wis., on which freight at the rate of 16½ cts. per cwt. was charged.

The matter was investigated and it was discovered that there was no joint rate in effect between the two points, and the freight was properly charged on the basis of the two locals.

No. 1304.

Wolf River Paper & Fibre Co., vs. C. & N. W. Ry. Co.

Formal complaint filed. See page 120.

No. 1305.

Dec. 27, 1907.

In re CORD WOOD RATES.

In the above entitled matter the C. & N. W. Ry. gave notice that on Feb. 1, 1908, it would cancel its cordage rate on cord wood and substitute therefor rates in cts. per 100 lbs., based on a distance tariff. As the matter was of importance to the dealers in cord wood in various portions of the state, notice was given to all of such dealers of the proposed change, and comments were asked for, and a large number of replies were given, from which it appeared that contracts had been made on the basis of the rates then in effect, by which green wood might be shipped at the same rates as dry wood; that the cancellation of the rates as early as Feb. 1 would prevent the wood producers from shipping the wood which they had contracted for, and that loss would result in consequence thereof.

The matter was taken up with the traffic officials of the railway company and a conference arranged for, at which a committee representing the wood dealers appeared, and the railway company was represented by its assistant general freight agent. The railway company contended that a tariff, naming the same rates on green wood as on dry wood, was in itself discriminatory and unjust to persons shipping dry wood, but that, in view of the contracts which had been made, the company would postpone the effectiveness of the tariff to March 1. This was not satisfactory to the shippers, and they were advised that their recourse would be to file a formal complaint, which they failed to do.

No. 1306.

Alart & McGuire, vs. G. B. & W. R. R. Co.

Formal complaint filed. See page 126.

20—R. R.

No. 1307. Dec. 14, 1907.
Oshkosh Fuel Co. *vs.* *C. & N. W. Ry. Co.*
Oshkosh, Wis.

CLAIMS.

Complainant filed papers in the matter of a claim which it had against the above named railway company for an alleged overcharge on a car of wood shipped from Polar, Wis., which is located on the Elton spur of the C. & N. W. Ry., to Cudahy, and wished to be advised whether there had not been an overcharge thereon.

The matter was investigated by the Commission, and it developed that the charge was \$10 in excess of the legally published tariff rate, and complainant was so advised.

No. 1308. Dec. 16, 1907.
C. W. Brown,
Waukesha, Wis.

RATE OF LIVE FROGS.

Complainant in the above entitled matter asked this Commission to secure for him a carload rate on live frogs from Worthington, Minn., to Oshkosh, Wis., and from Spirit Lake, Ia., to Oshkosh.

The matter was taken up with the officials of the roads over which it was proposed the commodity should move, and a rate of 65 cts. was furnished, which was satisfactory to the complainant.

No. 1309. Dec. 12, 1907.
C. S. Large, *vs.* *C. & N. W. Ry. Co.*
Fond du Lac, Wis.

LIVE STOCK RATES.

Complaining of the rate charged on a shipment of cattle from Oelwein, Ia., to Oakfield, Wis.

It appeared that the shipment moved in a car taking a minimum of 20,500 lbs., and that the rate charged complainant was correct, according to the tariff.

No. 1310.

Dec. 12, 1907.

*Brown Bros. Lumber Co.,
Rhineland, Wis.*

COMPETITIVE RATES.

Complainant inquired of the Commission whether a railway company may legally accept a shipment from a competitive point, consigned to a point on another line with whom it has no through rates, when at the time the shipment is accepted the consignor had the option to consign his freight by a competing line, which had a lower through rate.

Held: There is not only no obligation on the part of the railway company to meet the low rate of the competing company, but if it has a legal published tariff naming a higher rate, it is compelled to charge the rate named in the tariff and may not make a reduction to meet the rates of the other lines.

No. 1311.

Dec. 14, 1907.

*Grant Childs,
Ashland, Wis.*

PASSENGER RATES.

In the above entitled matter the complainant asked for the legal published rate between Ashland and La Crosse, over the C., St P., M. & O. Ry. and the C. & N. W. Ry. by way of Elroy, and alleged that the agent at Ashland had demanded of him \$6.59 for the through ticket, while the agent at La Crosse sold tickets for \$5.35.

The matter was submitted to the general passenger agent of the railroads involved, who advised the Commission that the discrepancy was due to the changes in tariffs, caused by the passage of the Two-Cent Fare Law. That the higher charge was at the rate of two cents per mile, while the charge from La Crosse to Ashland was made to meet competitive conditions and was less than two cents per mile. He stated that the rate from Ashland to La Crosse would at once be lowered to the level of the other rate.

No. 1312.

Dec 17, 1907.

Menasha Paper Co. vs. *Dunbar & Wausaukee Ry. Co.*
Menasha, Wis.

LUMBER RATES.

Complainant alleged that the above named company refused to furnish it with rates on cedar shingle timber from points on its line to points on the line of the C., M. & St. P. Ry. Co.

The matter was referred to the officials of the railway company, who filed a tariff naming a rate of 5½ cts. per cwt. on cedar logs from points on its line to Menasha, which was satisfactory to the complainant.

No. 1313.

Dec. 19, 1907.

In re TRAIN CREW LAW.

The complainant, a general officer in a railway operatives protective organization, advised the Commission that the Wisconsin & Michigan Ry. Co. was not observing the requirements of ch. 402, Laws of 1907, known as the Wisconsin Train Crew Law, and inquired whether the Commission had jurisdiction over the matter.

He was furnished with a copy of the law and informed that the Commission would consider a complaint.

No. 1314.

Dec. 13, 1907.

W. J. Campbell, vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis.

LOG CAR EQUIPMENTS.

The complainant in the above entitled matter alleged that the railway company refused to permit him to use bunks and chains in securing logs shipped on its cars, and requested a "stake" equipment, which was more expensive.

The matter was submitted to the officials of the railway company, who advised the Commission that it was necessary to secure loads of this kind in the best manner possible, and that its rules required shippers to provide the necessary equipment. This was submitted to the complainant and the matter was closed.

No. 1315.

Dec. 14, 1907.

*Farmers Mercantile & Supply Co.,
Elkhart Lake, Wis.*

MIXED CARLOADS.

Complainant alleged that it received a car containing 16,000 lbs. "dairy feed," 16,000 lbs. pulp plaster in bags and 4,000 lbs. oyster shells, and was charged for freight on 30,000 lbs. of feed, 24,000 lbs. of pulp plaster and 4,000 lbs. oyster shells.

An investigation of the tariffs on file showed that there was no rule in effect permitting the above named commodities to be shipped in one car at the carload rate for the commodity taking the highest rate, and that in the absence of such a rule, the lowest rate which could be charged was applied.

No. 1316.

Dec. 11, 1907.

*Dells Lumber & Shingle Co.,
Eau Claire, Wis.*

CONTRACTS.

The above named company submitted a copy of a contract which it had entered into with a railway company, and asked for a construction thereof. It was informed that the construction of contracts was a matter outside the jurisdiction of this Commission and the matter should be referred to an attorney.

No. 1317.

Dec. 11, 1907.

*Wolf River Paper & Fibre Co., vs. C. & N. W. Ry. Co.
Shawano, Wis.*

INTERSTATE RATES.

Complaining of the rate charged on a shipment of paper from Shawano to Los Angeles, Cal.

The matter being outside the jurisdiction of the Commission, it was submitted to the interstate commerce commission, and complainant was advised to correspond directly with that body. No information has been received of the disposition of the matter.

No. 1318.

Dec. 16, 1907.

Alex. Wiggins, *vs.*
Orfordville, Wis.

C., M. & St. P. Ry. Co.

LIVE STOCK RATES.

Complainant advised the Commission that the rate on hogs, Orfordville to Milwaukee, was 12½ cts., and from Madison to Milwaukee 11½ cts.; that the distance is nearly the same.

The matter was submitted to the officials of the railway company, who stated that the competition at Madison and a slightly shorter haul accounted for the difference in rate. A copy of the railway company's letter was sent to complainant.

No. 1319.

Dec. 26, 1907.

In re Green Bay & Western R. R. Co.

EMERGENCY RATES.

Applying for authority it re-issue a tariff on coal, effective immediately, to correct an error in a former issue.

Application approved.

No. 1320.

Dec. 20, 1907.

Brown Bros. Lumber Co.
Rhineland, Wis.

INTERSTATE RATES.

Complainant alleged that it had been overcharged on certain shipments of lumber from Rhineland to points in other states.

The files of foreign tariffs in the possession of the Commission being incomplete, it was impossible to express an opinion on the matter. Therefore complainant was advised to refer the matter to the interstate commerce commission.

No. 1321.

Dec. 18, 1907.

Brown Bros. Lbr. Co., *vs.*
Rhineland, Wis.

C., M. & St. P. Ry. Co
C. & N. W. Ry. Co.

FREIGHT RATES.

Complainant inquired whether the above named companies are permitted to charge a rate higher than the Chicago rate to points between Waukesha and Chicago on the W. C. Ry., when

loads originate on Wisconsin Valley division of one road and the Ashland division of the other.

Held: There being no long and short haul provision in the Wisconsin law, therefore the published tariffs must govern.

No. 1322.

Dec. 18, 1907.

Waupaca-Green Bay Ry. Co.

EMERGENCY RATES.

Application for authority to put into immediate effect a distance tariff.

Application approved.

No. 1323.

Dec. 19, 1907.

John A. McLeod,

Milwaukee, Wis.

LIVE STOCK RATES.

Complainant submitted an expense bill and wished to be advised if he had been overcharged on a shipment of certain live stock from Neillsville to Fond du Lac.

An examination of the tariffs on file indicated that a correct charge had been made, and complainant was so informed.

No. 1324.

Dec. 23, 1907.

Jas. M. Bodenberger,
Evansville, Wis.

vs.

C. & N. W. Ry. Co.

PASSENGER RATES.

Complainant alleged that on Nov. 20, 1907, a party of five applied to the agent at Waukesha for through tickets from that point to Evansville via Madison. The agent stated that he had no through rates with that routing, and that they were compelled to buy tickets to Madison and from there to Evansville, the sum of the local rates being \$1.70, while the through rate from Waukesha to Evansville via Janesville, is only \$1.20.

Held: C. & N. W. Tariff M-5-3, governing in this case, reads: "Routes—The fares apply and tickets will be honored only by the direct and eligible routes, unless otherwise specified," and as no other condition for this fare or route is specified, the through rate applied only from Evansville.

After the investigation of this matter, the railway company put into effect a rate between the points in question of \$1.46, via Madison.

No. 1325. Dec. 27, 1907.
C. Scheckler, *vs.* *C. & N. W. Ry. Co.*
Berryville, Wis.

STATION SERVICE.

Complainant, a cabbage grower of Berryville, alleged that unnecessary delay occurred in forwarding cars shipped from Chicory switch, a point on the line of the above named company's road, two miles south of Racine.

The matter was taken up with the company's general manager, who advised the Commission that orders had been given which would avoid a recurrence of the delay.

No. 1326. Dec. 28, 1907.
Oscar Olson, *vs.* *C., M. & St. P. Ry. Co.*
Rubicon, Wis.

FAILURE TO FURNISH CAR.

Complainant alleged that on Nov. 15 he had ordered a 50-ft. flat car on which to load a traction engine, separator and water tank, and that the company failed to furnish it within a reasonable time, and that he suffered a loss of \$100 in consequence thereof.

The matter was taken up with the officials of the railway company, who advised the Commission that its equipment contains very few cars of the dimensions ordered; that shorter cars were offered and refused, and that as soon as a car of the desired length could be secured, it was furnished, of which complainant was advised.

No. 1327. Dec. 19, 1907.
E. R. Elliot & Co., *vs.* *C., M. & St. P. Ry. Co.*
Madison, Wis.

LUMBER RATES.

Complainant submitted claim papers arising out of a freight charge on a shipment of lumber from Tomahawk, Wis., to Rockford, Ill., the particular matter in dispute being the weight charged on the lumber, which, complainant alleged, was excessive. The matter was submitted to the officials of the company, who advised that the claim, being a joint one with another carrier, was in its hands for adjustment, of which the complainant was advised.

No. 1328.

Dec. 23, 1907.

*Wisconsin Foundry & Steel Works,
Cedar Grove, Wis.*

INTERSTATE RATES.

Complaining that it had been charged \$5.50 per ton freight on pig iron shipped from Birmingham, Alabama, to Cedar Grove, Wisconsin, while the rate from Birmingham to Port Washington is but \$4.50 per ton.

Complainant was advised that the matter complained of related to interstate commerce and as such was outside of the jurisdiction of the Commission. An investigation of tariffs on file in the office showed that the rates, as shown by the complainant, were correct. Complainant was advised to take the matter up with the interstate commerce commission.

No. 1329.

J. W. Keogh & Co., vs. *C., M. & St. P. Ry. Co.*
Chicago, Ill.

Formal complaint filed. See page 131.

No. 1330.

Wells & Chase, vs. *W. C. Ry. Co.*
Dorchester, Wis.

Formal complaint filed. See *In re Investigation of Telegraph Service*, etc., page 120.

No. 1331.

Jan. 4, 1908.

Marinette, Tomahawk & Western Ry. Co.

RAILWAY TELEGRAPHERS' LAW.

In the above entitled matter the railway company advised this Commission that it does not operate its trains by telegraph. That it has no dispatcher, and trains are handled by the agents and assistants, who are advised by telephone, by the conductors on the line, when their trains are ready to move, and instructions are given to such conductors to move their trains.

An opinion was asked whether this constituted such agents as telegraphers under the provisions of ch. 575, Laws of 1907.

Held: That such a construction of the law in question would be a forced one, and that persons so acting are not railway

telegraphers within the meaning of the law. The law has since been declared unconstitutional.

No. 1332.		Jan. 1, 1908.
<i>Wesley Ely,</i>	<i>vs.</i>	<i>C., St. P., M. & O. Ry. Co.</i>
<i>Gordon, Wis.</i>		

GOODS LOST IN TRANSIT.

Complainant because certain commodities shipped from New York Mills, Minnesota, had been lost in transit.

Complainant was asked to furnish additional information, but failed to do so.

No. 1333.		Dec. 24, 1907.
<i>Math. W. Miller,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>North Crandon, Wis.</i>		

REFUSAL TO ISSUE THROUGH BILL OF LADING—EXCESSIVE RATES.

Complainant alleged that the Wisconsin Central Ry. Co. refused to issue a through bill of lading on a carload of Christmas trees, delivered to it at a point on its line and destined for St. Louis, and complaining because a charge of \$14.00 had been included for hauling the shipment from the point where it was loaded to its junction with the M., St. P. & S. S. M. Ry. Co., a distance of only one quarter of a mile.

Held: The Wisconsin Central Ry. Co. has no through rate on Christmas trees from any point on its lines to St. Louis and, therefore, cannot issue a through bill of lading. That the charge of \$14.00 is based upon their regular published tariff on file in this department for transporting carloads from the point where it was loaded to the junction point.

No. 1334.		Dec. 27, 1907.
<i>Brillion Lumber Co.,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Brillion, Wis.</i>		

LUMBER RATES.

Complainant of the rate charged for transporting two cars of lumber from Ellis Junction to Brillion.

The matter was investigated and it was deemed that from the tariffs on file in this office there had been an overcharge. Complainant was so informed.

No. 1335.

Dec. 30, 1907.

F. J. Crahenbuhl, *vs.* *M., St. P. & S. S. M. Ry. Co.*
Barron, Wis. *C., St. P., M. & O. Ry. Co.*

JOINT RATES ON SUGAR BEETS.

Complaining of joint rate charged by the M. St. P. & S. S. M. and the C., St. P., M. & O. railway companies on sugar beets, from points on the line of the first named company to Chippewa Falls.

Held: No published through rates are in effect on sugar beets over the above named lines of road.

No. 1336.

Dec. 28, 1907.

Milwaukee Elevator Co., *vs.* *C., M. & St. P. Ry. Co.*
Eau Claire, Wis.

OVERCHARGE.—MINIMUM WEIGHT.

Plaintiff alleged that it had been overcharged on a carload of hay, shipped from Eau Claire to Milwaukee, in that it was impossible to load the required minimum weight in the car furnished.

Held: That the car in question had a cubic capacity of 2244 feet. That under the decision of this Commission *in re Loftus-Hubbard Elevator Co. vs. W. C. R. Co.* 1 W. R. C. R. 91, the required minimum could be loaded in the car in question.

No. 1337.

Dec. 30, 1907.

K. L. Hath, *vs* *C., M. & St. P. Ry. Co.*
Winneconne, Wis.

TELEGRAPH SERVICE.

Complaining that the C., M. & St. P. Ry. Co. has discontinued its telegraph station at Winneconne.

Complainant was informed of the provisions of ch. 575, Laws of 1907, and also of the fact that the railway company in question does not do a commercial telegraphing business, that being done, at Winneconne, by the Western Union Telegraph Company.

No. 1338.

Dec. 27, 1907.

Helge Larson, vs. *La Crosse & Southeastern Ry. Co.*
Westby, Wis.

TRACK SCALES.

Complaining that the La Crosse & Southeastern Ry. Co. has constructed a side track between Westby and Coon Valley for loading and unloading cars, but it maintains no scales at that point, and inquiring whether scales are a necessary part of shipping facilities.

Held: That wagon scales are not a necessary part of shipping facilities. *Illif vs. G. B. & W. R. Co.* 2 W. R. C. R. 102.

No. 1339.

Jan. 3, 1908.

H. A. Rundell, vs. *C. & N. W. Ry. Co.*
Livingston, Wis.

TELEGRAPH SERVICE.

Complaining that the railway company has discontinued its telegraph station at that point.

Complainant was advised of the provisions of ch. 575, Laws of 1907, and also that the respondent railway company is not engaging in the business of commercial telegraphing. That such service is being performed by the Western Union Telegraph Company, and that, if complaint is made, it should be addressed against that company; that in case complaint is made against the telegraph company, the question would be whether there was sufficient business at Livingston to justify the services being ordered.

No. 1340.

Jan. 4, 1908.

Reese & Anderson, vs. *C., M. & St. P. Ry. Co.*
Lima Center, Wis.

TELEGRAPH SERVICE.

Complaint regarding the telegraph service at Lima Center.

See *H. A. Rundell vs. C. & N. W. Ry. Co.*, preceding.

No. 1341.

Jan. 4, 1908.

Wisconsin & Northern Ry. Co.

EMERGENCY RATE.

Application for authority to put into immediate effect proportional tariff 1½ cts. per cwt. on tan bark, from Van Austrand to Shawano, by way of the C. & N. W. Ry.

Application approved.

No. 1342.

Jan. 6, 1908.

C., St. P., M. & O. Ry. Co.

Formal complaint filed. See page 122 (*Edward Hines Lumber Co. v. C., St. P., M. & O. R. Co.*, No. 247).

No. 1343.

Jan. 3, 1908.

Chicago, Burlington & Quincy R. R. Co.

RAILROAD TELEGRAPHERS' LAW.

Inquiry whether under the provisions of ch. 575, Laws of 1907, it would be permissible to have a station agent work for eight hours, and then for the next four hours to look after his agent's work and have nothing to do with the handling of trains or operating them.

Held: Under the provisions of the law in question the operator shall be relieved and not permitted to go on duty until he has had sixteen consecutive hours off duty in twenty-four.

The law has since been declared unconstitutional in *State vs. M., St. P. & S. S. M. R. Co.*, 117 N. W. Rep. 686.

No. 1344.

Jan. 6, 1908.

RAILROAD TELEGRAPHERS' LAW.

In the above entitled matter a railroad telegrapher asked the Commission whether, if he worked twelve hours continuously for his employer, he was making himself liable to arrest and fine, and inquiring whether his employer was not also liable to a fine.

A copy of the law was sent to the complainant. See *In re C., B. & Q. R. Co.*, No. 1343.

No. 1345.

Jan. 6, 1908.

Green Bay & Western Ry. Co.

RAILROAD TELEGRAPHERS' LAW.

Submitting certain questions asking for a construction of chapter 575, of the Laws of Wisconsin for 1907, known as the Railroad Telegraphers' Law.

The matter was submitted to the attorney general who ren-

dered an opinion thereon. See Report of Opinions of the Attorney General for 1908.

No. 1346.

Jan. 7, 1908.

Green Bay & Western R. R. Co.

EMERGENCY TARIFF.

Application for authority to put into immediate effect a tariff establishing a switching charge with the Waupaca-Green Bay Ry. Co. for moving freight from Waupaca to Scandinavia.

Application approved.

No. 1347.

Jan. 9, 1908.

A. Shaefer, vs. *St. Paul, Minn.*

C., B. & Q. R. R. Co.

TRAIN SERVICE.

Complaining because a train of the above named railroad company, leaving St. Paul at 8:35 a. m., stops only at Prescott, Alma, Cochrane and Fountain City, and does not stop at Diamond Bluff, Hagar, Stockholm, Pepin and Nelson.

Complainant was advised that the train in question is an interstate train and as such it is outside of the jurisdiction of the Commission to order it stopped. But the Commission offered to take the matter up informally with the railway company if complainant so desired.

See *Farmer vs. D. S. S. & A. Ry. Co.* 1 W. R. C. R. 316, involving the same question.

No. 1348.

Jan. 7, 1908.

W. W. Cook,

Chetek, Wis.

MINIMUM DAILY MOVEMENT OF FREIGHT.

Inquiring whether there is anything in the state or federal laws which will compel a railway company to move grain or hay a minimum distance per day towards market destination.

Complainant was advised that there was no law covering the point he suggested.

No. 1349.

Jan. 7, 1908.

Wisconsin Central Ry. Co.

INTERLOCKING PLANT.

Submitting plans of an interlocking plant proposed to be installed near River Siding, Wisconsin, at the junction of the main track of the Wisconsin Central with that of the Stanley, Merrill and Phillips Railway.

Plans were approved.

No. 1350.

Jan. 7, 1908.

*H. F. Camm,**Green Bay, Wis.*

LIABILITY OF RAILWAYS FOR SPECIAL TAXES.

Inquiring whether steam railways are exempted from tax by a city for street paving along the line of their property.

Held: The subject is outside of the jurisdiction of the Commission.

No. 1351.

Jan. 1, 1908.

*Siley Brothers,**Ellsworth, Wis.*

LIVE STOCK RATES; CLAIMS.

Inquiry concerning the rates on live stock from Ellsworth to St. Paul, and whether this Commission has jurisdiction over claims for loss in transit.

The rates were compiled and afterward forwarded to the complainant, and he was advised that this Commission has no jurisdiction over claims further than to investigate and report, in its discretion, to the legislature.

No. 1352.

Jan. 8, 1908.

*L. Van Vort,**vs.**C. & N. W. Ry. Co.**Evansville, Wis.*

RATES ON TURPENTINE.

Complaining of rates charged on turpentine from Milwaukee and Chicago to Evansville.

Complainant was advised that the rate from Chicago to Evansville related to interstate commerce, and as such was outside of the jurisdiction of the Commission. That the rate from

Milwaukee to Evansville was within the jurisdiction of the Commission and if a formal complaint were filed it would be considered.

No. 1353.

Jan. 14, 1908.

Chicago & North Western Ry. Co.

EMERGENCY RATES.

Application for authority to publish and make effective at once a rate of \$1.00 per thousand on logs from siding No. 2, south of Gagen, to Wittenberg.

Application approved.

No. 1354.

Jan. 10, 1908.

Mineral Point Zinc Co.

Chicago, Ill.

LONG AND SHORT HAUL CLAUSE.

Inquiring whether the Wisconsin Railroad Law contains a long and short haul clause.

Held: That the Wisconsin law contained no such clause.

No. 1355.

Jan. 13, 1908.

F. E. Meyer & Brother,

Milwaukee, Wis.

RE-SHIPPING FREIGHT.

In the above entitled matter the complainants stated that they were having loaded at their factory in Ashland, Ohio, a car containing twenty-five orders to be sent out from Milwaukee and points on the lines of the C. & N. W. Ry. Co., and inquiring whether there is anything in the published tariffs to prevent their placing bills of lading in the hands of that company with orders to re-ship from the car when it arrives.

Held: There is nothing in the tariffs on file in this office to prevent railway companies from so acting.

No. 1356.

Jan. 2, 1908.

In re MINIMUM CHARGE ON SINGLE SHIPMENTS OF FREIGHT.

In the above entitled matter the railway companies doing business in the state had in effect a rule under which the minimum charge on single shipments of freight, from one consignor

to one consignee, was based on the actual rate of the class to which the articles belonged, with a minimum of 25 cts., except where the tariffs provided for a higher minimum charge, and provided that they should not be shipped as single consignments when the packages were marked to two or more parties. On June 1, 1908, the companies put into effect a rule reading as follows:

"Unless otherwise specified in the published tariffs, the minimum charge on single shipments of freight, classified as first class or lower, shall be for one hundred pounds at the class or commodity rate to which it belongs, but if classified higher than first class the minimum charge shall be for one hundred pounds at first class rate. If the shipment contains articles of two or more classes, no one of which is classified higher than first class, the minimum charge shall be for one hundred pounds first class rate. In no case shall the charge on a single shipment be less than twenty-five cents."

Upon being notified of this change the Commission investigated its effect and discovered that it would increase the minimum charge on some local shipments from 25 cts. to 65 cts., and on joint shipments between the C. & N. W. and the C., St. P., M. & O. railways from 25 cts. up to as high as 82 cts.

In view of this increase, a large number of letters were sent out to shippers in different parts of the state, advising them of the proposed change, and many replies thereto were received, all protesting against the change as being inequitable.

The railway companies and the shippers were asked to meet at the office of the Commission in an informal conference, the result of which was, that the companies agreed to put in a temporary rule reading as follows:

"The minimum charge on single shipments of freight between points in Wisconsin over a single line of railroad shall be twenty-five cents, and jointly, over two or more lines, forty cents."

This was satisfactory to the shippers present as a temporary rule. Subsequently the railroad companies submitted a proposed rule reading as follows:

"On inter-state traffic the minimum charge on a single shipment of one or more classes shall be one hundred pounds at third class rate, but in no case will the charge for a single shipment be less than twenty-five cents. Packages marked for two or more consignees cannot be accepted as single shipments."

Copies of this rule were sent to several hundred shippers in the state and comments were asked thereon. Many replies were received, of which but six persons replying objected to the proposed rule. Therefore the Commission indicated to the companies that, unless complaint was filed against it, no action would be taken by the Commission regarding the matter.

No. 1357.		Dec. 30, 1907.
<i>John Walter Co.</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Eau Claire, Wis.</i>		

RATES ON BARLEY.

The complainant in the above entitled matter alleged that it had shipped barley in carload lots from Minneapolis to Eau Claire, and that the above named company charged it 10 cts. per 100 lbs. freight, and it wished to be advised whether the rate should be 7½ cts. per 100 lbs.

Held: That the rate on barley from Minneapolis to Eau Claire is 10 cts. per 100 lbs. That *there is a rate in effect from Minneapolis to Chicago and intermediate points, including Eau Claire, on barley originating west of the Mississippi river on connected lines, of 7½ cts., but this does not apply to barley originating at Minneapolis.*

No. 1358.		Jan. 2, 1908.
<i>Standard Harrow Co.</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.,</i>
<i>Utica, N. Y.</i>		<i>C. & N. W. Ry. Co.</i>

ALLEGED OVERCHARGE.

Complaint in the above entitled matter that the companies herein overcharged the complainant on a consignment of agricultural implements, shipped from Marinette, Wis. to Curtiss, Wis.

Complainant was furnished with rates in effect between the two points, but was asked for further information which was not furnished.

No. 1359.		Jan. 11, 1908.
<i>D. D. Logan,</i>	<i>vs.</i>	<i>Western Union Telegraph Co.</i>
<i>Black Earth, Wis.</i>		

FAILURE TO NOTIFY OF DISCONTINUANCE OF TELEGRAPH OFFICE.

In the above entitled matter complaint was made against the above named company, which accepted a telegram at Rockford,

Ill., addressed to Black Earth, Wis., and did not notify the sender of the telegram that the office at Black Earth had been discontinued.

Complainant was advised that the matter was outside of the jurisdiction of the Commission, but it was taken up informally with the superintendent of the telegraph company, who called at the office and advised the Commission that instructions had been given regarding discontinued offices, which would prevent a recurrence of such matters as are complained of.

No. 1360.

Jan. 8, 1908.

In re RAILROAD TELEGRAPHERS' LAW.

Complaint against the M., St. P. & S. S. M. Ry. Co., to the effect that it was not complying with ch. 575, Laws of 1907.

The matter was referred to the officials of the railway company, but as it had appealed the question to the courts, no answer was given. See *State v. M., St. P. & S. S. M. Ry. Co.*, 117 N. W. 686.

No. 1361.

Dec. 31, 1907.

Wisconsin and Northern Ry. Co.

EMERGENCY JOINT RATES.

Asking for blanket authority to make effective, immediately, all of its joint rates with other companies, as they may be issued.

Held: The Commission has no power under the Railroad Commission Law to suspend the time required for tariffs to be on file in this office before becoming effective, except in specific cases on application as regards particular rates.

No. 1363.

Jan. 15, 1908.

Wisconsin Central Ry. Co.

REFUNDS.

The above entitled company applied to this Commission for authority to refund to a basis of 10 cts. per 100 lbs. on a shipment of paper, from Menasha to Ladysmith, which moved on a tariff of 19 cts. per 100 lbs.

Held: Under the provisions of sec. 1797—37m applications of this nature must proceed in the form of a complaint from the shipper, and when received it will be considered on its merits.

No. 1364.

Jan. 10, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

CROSSING ACCIDENTS.

The attention of this Commission having been called to an accident at the grade crossing of the C., M. & St. P. Ry. Co. and what is known as Hopkins road, in Milwaukee county, on Jan. 8, 1908, at 7:40 a. m. An investigation was undertaken by the Commission. A report was made by the coroner relating thereto.

It appears that Edward Schwahn and Charles Hackbar, cattle buyers, both of Milwaukee, were driving in a cattle wagon on Hopkins road and attempted to cross the tracks ahead of passenger train No. 31, and were run down and both killed. The coroner reports that the crossing is clear from either side, and that there was an unobstructed view of the track for at least a half a mile.

No. 1365.

Jan. 16, 1908.

B. F. Boulay & Bro. Co.,

vs.

*W. C. Ry. Co.**Fond du Lac, Wis.*

CLAIMS.

The complainant alleged that it shipped a car of barley from Fond du Lac to Manitowoc in October, 1905. That it called for a 40,000 lb. capacity car, and was told to load one standing at this elevator marked 54,000 lbs. That there was a charge on the basis of the marked capacity of the car, making an overcharge of 10,720 lbs., and request was made to the Commission that it authorize a refund.

The matter was investigated and it was found that the tariffs of the railway company provided, that all grain loaded at this station should be subject to certain minimum weights, a 60,000 lb. car requiring a minimum on barley of 54,000 lbs. According to this tariff there was no overcharge, and complainant was so informed.

No. 1366.

Jan. 9, 1908.

*J. P. Osthiever,**Chippewa Falls, Wis.*

BULLETIN FOR DELAYED TRAINS.

Inquiry was made whether a railway company is required, under the laws of Wisconsin, to bulletin delayed trains.

Held: Ch. 63, Laws of 1903, requires:

"That every corporation, company or person operating a railroad within the state shall * * * cause to be placed in a conspicuous place in each passenger depot * * * at which there is a telegraph office, a black-board of suitable size upon which such company * * * shall cause to be written, at least twenty minutes before the scheduled time of the arrival of each passenger train, stopping upon such route at such station, the fact whether such train is on scheduled time or not, and if late how much. Provided also, that any passenger train not more than five minutes late shall be deemed to be on time as to the operation of this act."

No. 1367.

Jan. 10, 1908.

*T. H. Colman Co.,
Portage, Wis.*

INTERSTATE RATES.

Complaining of rates to points beyond the state of Wisconsin.

Held: This Commission has no jurisdiction over interstate commerce. Complainant was referred to the interstate commerce commission.

No. 1368.

Jan. 18, 1908.

*D. R. Coon et al.,
Auburndale, Wis.*

vs.

W. C. Ry Co.

STATION SERVICE.

In the above entitled matter complaint was made to the Commission that the above named railway company closes its station at Auburndale at 4:30 o'clock in the afternoon, and does not open it until 8:30 o'clock in the forenoon. That passenger train No. 1, going north, leaves the station at 6:23 in the morning and, going south, leaves at 6:30 in the evening. The trains are not bulletined, nor is baggage properly stored during the hours the station is closed.

The matter was submitted to the officials of the railway company, who stated that, owing to the enactment of the Railroad Telegraphers' Law, they could not permit their agent to remain on duty longer than eight hours, and that the business at the point did not justify the appointment of another man. All of which was submitted to the complainant, but nothing further was heard regarding the matter.

No. 1369. Jan. 16, 1908.
Rev. B. Klein, vs. *W. C. Ry. Co.*
Fifield, Wis.

CLERGYMEN'S TRANSPORTATION.

In the above entitled matter complaint was made to the Commission that a certain clergyman was traveling upon a pass given by the Wisconsin Central Ry. Co., and that that company had refused the complainant, who was also a clergyman, with the same favor.

Held: That under the provisions of sec. 7, ch. 362, Laws of 1905, clergymen are exempted from the provisions of the law prohibiting the giving of passes, discretion being left with the companies whether to give them out or not, and to whom they may give them.

No. 1370. Jan. 14, 1908.
Anaton & Preston Telephone Co. vs. *C. & N. W. Ry. Co.*
RAILWAY STATION SERVICE.

Complainant alleged that the above named railway company had ordered complainant's telephone removed from its station at Montfort.

Held: That free telephone service of every nature is prohibited under the provisions of ch. 499, Laws of 1907. That ch. 614, Laws of 1907, gives this Commission jurisdiction to order railway companies to provide telephone service in their stations. The matter is discussed at length in a decision of this Commission entitled *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 1371. Jan. 16, 1908.
C. E. Coe, vs. *C. & N. W. Ry. Co.*
Zion City, Ill. *C., M. & St. P. Ry. Co.*

DELAYED SHIPMENT.

In the above entitled matter complaint was made of delay in delivering commodities shipped from Pittsville, Wis., to Zion City, by way of the C. & N. W. and the C., M. & St. P. railways.

The matter was referred to the officials of the railway companies, who advised the Commission that steps would be taken to prevent such delays in the future, of which complainant was advised.

No. 1372. Jan. 18, 1908.
F. Keen, vs. *W. C. Ry. Co.*
Medford, Wis.

TITLE TO RIGHT-OF-WAY.

Complainant herein made inquiry concerning the title to a portion of the right-of-way of the Wisconsin Central Ry. Co. over which there seems to have been a dispute between complainant and the railway company.

Held: That disputes as to title to land are entirely outside of the jurisdiction of this Commission.

No. 1373. Jan. 18, 1908.
F. W. Buswell, vs. *C. & N. W. Ry. Co.*
Minneapolis, Minn.

ANNOUNCEMENT OF PASSENGER TRAINS.

Complainant alleged that he was at the North Western station at the city of Madison for the purpose of taking a train for Milwaukee. That, knowing nothing of the station arrangements, he waited for the train to be announced; that it was not announced and in consequence the train left Madison without his knowledge and the knowledge of a number of other persons in the station.

The matter was taken up with the general manager of the railway company who stated, that on the morning in question the night depot master was unexpectedly called away from the station and neglected to advise the ticket clerk of that fact, so the train was not announced, but that orders had been given which would prevent a recurrence in the future.

No. 1374. Jan. 15, 1908.
John Grosse, vs. *C. & N. W. Ry. Co.*
Little Suamico, Wis.

COAL RATES.

Complaining of a charge made in transporting a car of coal from Green Bay to Little Suamico.

The weights were investigated and it was shown that the charge was just, on a local published tariff rate.

No. 1375. Jan. 19, 1908.
Fred Klaus, Jr., vs. *C., M. & St. P. Ry. Co.*
Winneconne, Wis.

ALLEGED REFUSAL TO FURNISH SPECIAL TRAIN.

In the above entitled matter complaint was made to the effect that the above named railway company refused to furnish a special train to run from Ripon to Winneconne on Feb. 25 and 26.

The matter was taken up with the proper officials and report was made that the road was ready to furnish service in case the required guarantee was made, of which complainant was advised.

No. 1376. Jan. 18, 1908.
Lange Canning Co. vs. *C., St. P., M. & O. Ry. Co.*
Eau Claire, Wis. *W. C. Ry. Co.*

LONG AND SHORT HAUL.

Complaining that the C., St. P., M. & O. Ry. Co. demanded a rate of 11 cts. per 100 lbs. on horses from Eau Claire to Winter. That it also demanded a rate of 16 cts. per 100 lbs. from Eau Claire to Couderay. That Couderay is an intermediate point on the same line and nearer Eau Claire than Winter.

That the same company gives a rate on canned goods, Eau Claire to Chicago of 17½ cts. per 100 lbs, while the rate from Eau Claire to Madison, an intermediate point, is 20 cts. per 100 lbs.

That the W. C. Ry. Co. has in effect a rate on soft coal from Manitowoc to St. Paul of 90 cts. per ton, while it charges from Manitowoc to Eau Claire, a shorter distance, \$1.00 per ton.

Held: That there is no long or short haul provision in the Wisconsin law. That railway companies make their rates in the first instance, subject to revision as to intrastate rates by this Commission after investigation, notice and hearing. That this Commission has no jurisdiction over rates affecting interstate commerce.

No. 1377.

Jan. 16, 1908.

Ellen O'Toole, *vs.*
Iron Mountain, Mich.

C. & N. W. Ry. Co.

ALLEGED SEIZURE OF LANDS BY RAILWAY COMPANY.

In the above entitled matter complainant alleged that the railway company herein had twelve years before taken certain lands belonging to her in the city of Fort Atkinson.

The matter was submitted to the officials of the railway company, who stated that, while there was no legal liability, if the facts warranted, a settlement would be made with complainant.

No. 1378.

Jan. 21, 1908.

Chicago & North Western Ry. Co.

TRAIN SERVICE.

In the above entitled matter the attention of the Commission was called to a newspaper item published in the Jefferson County Democrat, of Fort Atkinson, alleging an insufficiency of train and station service on certain branches of its line.

The matter was referred to the general manager of the company, who replied specifically to the statement.

No. 1379.

Jan. 29, 1908.

Fairbanks, Morse & Company,
Chicago, Ill.

WARNING SIGNALS FOR OVERHEAD AND LATERAL OBSTRUCTIONS.

Inquiry was made of the Commission for its rules and the laws of Wisconsin governing lateral and overhead clearances on railroads in the state.

Information was furnished to the effect that there was no statute governing lateral clearances, and calling attention to ch. 348, Laws of 1905, regarding overhead clearances.

The above entitled matter is discussed at length in the decision of this Commission *In re Rules to Govern the Installation of Tell Tales or Warning Signals, etc.*, 2 W. R. C. R. 757.

No. 1380. Jan. 21, 1908.
Gardenier & Hendricks, vs. *C. & N. W. Ry. Co.*
Oshkosh, Wis. *C., M. & St. P. Ry. Co.*

JOINT RATES.

Complaint was made of the lack of joint freight tariff on forest products from Gresham to points on the lines of the C. & N. W. and the C., M. & St. P. railway companies.

Complainant was advised that a formal petition should be filed, which would bring the matter before the Commission, when it would be considered.

No. 1381. Jan. 22, 1908.
Chicago & North Western Ry. Co.

TRAIN SERVICE.

The attention of the Commission was called to a complaint regarding train facilities between Fond du Lac and Sheboygan.

After the complaint was filed, certain trains which had been taken off were restored, which, the Commission is advised, furnished service satisfactory to the public.

No. 1382. Jan. 24, 1908.
Wisconsin Central Ry. Co.

ACCIDENTS.

The attention of the Commission was called to a newspaper item entitled "Narrow Escape From Collision" on the above named railway, caused by a confusion of orders.

The matter was promptly investigated and it was found that the article in question was a misrepresentation of the facts; that nothing of the kind had occurred.

No. 1383. Jan. 24, 1908.
Badger Butter Co. vs. *Western Union Telegraph Co.*
East Troy, Wis.

TELEGRAPH SERVICE.

The complainant alleged that the telegraph service at East Troy had been discontinued, and that there was an unnecessary delay in forwarding messages received by the Western Union Telegraph Company at points where it maintained stations.

Complainant was advised of the law covering the matter of telegraph service, and was told that if a formal complaint were filed, a hearing would be ordered therein.

No. 1384.		Jan. 25, 1908.
<i>Martin J. Gillen,</i>	<i>vs.</i>	<i>The Pullman Co.</i>
<i>Racine, Wis.</i>		

PARLOR CAR RATES.

Complainant alleged that the above named company charged 35 cts. for a chair car seat from Chicago to Milwaukee, a distance of 82 miles, and that they charge 35 cts. for a parlor car seat from Chicago to Racine, a distance of 57 miles, and asking for information regarding the filing of a complaint.

Held: That the matter complained of relates to interstate commerce and is outside the jurisdiction of this Commission, and complainant was advised to present the matter to the interstate commerce commission.

No. 1385.		Jan. 24, 1908.
<i>Superior Manufacturing Co.,</i>		
<i>Superior, Wis.</i>		

CLAIMS.

The complainant herein alleged that transportation lines, boat companies in particular, frequently delivered goods in damaged condition and that claims relating thereto are not promptly paid, and asking whether they can refuse to pay freight until claims are adjusted.

Complainant was advised that the matter about which it complained is outside the jurisdiction of this Commission, and it was advised to address the interstate commerce commission.

No. 1386.		Jan. 25, 1908.
<i>Ludington Salt Co.,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Milwaukee, Wis.</i>		

CLAIMS.

Complainant alleged that, having a consignment of salt to ship from Milwaukee to Oshkosh, it caused inquiries to be made of the above named railway company whether or not its former rate of 4 cts. per cwt. was still in effect, and was answered in

the affirmative. The shipment was made and freight collected at the rate of $6\frac{2}{3}$ cts. per cwt., and claim filed therein, which, not being paid, the matter was referred to this Commission with the statement that, at the time the shipment was made, both the C., M. & St. P. Ry. and the C. & N. W. Ry. had in effect a rate of 4 cts. per cwt.

Held: 1. That the published tariff rate must govern in spite of the misquotation of the rate by the agent. (See *in re J. B. Wells*, informal case, No. 1084.

2. That sec. 1797—37m, Laws of 1907, provides for an investigation by this Commission upon complaint, and after notice and hearing it is authorized to make a recommendation to the carrier for refund if the facts and law warrant.

No. 1387.		Jan. 14, 1908.
<i>J. H. Townsend,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>London, Wis.</i>		

LIVE STOCK RATES.

Verbal complaint was made of the rate charged complainant on a car of "stock" cattle, shipped from London to Osseo. Complainant was charged 19.5 cts. per cwt., and alleged that the rate should be three-fourths of $15\frac{1}{2}$ cts. per cwt., under the decision of the Commission *In re Live Stock Rates*, 1 W. R. C. R. 778.

Held: No provision in the tariffs or in the decision of the Commission for a lower rate on stock cattle from London to Osseo than the legal tariff rate on fat cattle.

No. 1388.		
<i>The Franke Grain Co.</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Milwaukee, Wis.</i>		

Formal complaint filed. See page 129.

No. 1389.		Jan. 27, 1908.
<i>Harry Scharf,</i>	<i>vs.</i>	<i>Roddis Lumber & Veneer Co.</i>
<i>Butternut, Wis.</i>		

RATES.

The complainant herein alleged that the above named company operates a railway from Park Falls, running 10 miles in a northeasterly direction, and charged an excessive rate for

transporting commodities from points on its line to its junction with the Wisconsin Central Railway Co. The matter was taken up with the officials of the company, who replied that they would make such adjustment in their rates as should be satisfactory to the complainant.

No. 1390. Jan. 25, 1908.
Rice Bros., vs. C., M. & St. P. Ry. Co.
Union Stock Yards, Chicago, Ill.

RATES ON HOGS.

Complaining that the rate on hogs from Beloit, Wis., to Chicago is 13.6 cts. per cwt., while from Shirland, Durand, Davis, Rock City and Rockton, points beyond on the same line, the rate was 11.4 cts.

The complainant was informed that the rates complained of relate to interstate commerce and as such are outside the jurisdiction of the Commission, but the matter was taken up informally with the traffic officials of the railway company, who stated that the question had been referred to the interstate commerce commission and was being considered by them.

No. 1391.
W. B. Clements & Co., vs. C., M. & St. P. Ry. Co.
Veedom, Wis.

Formal complaint filed. See page 124.

No. 1392. Nov. 26, 1907.
E. R. Wagner Manufacturing Co., vs. T. M. E. R. & L. Co.
North Milwaukee, Wis.

PASSENGER SERVICE.

Complainant alleged that the order of the Commission in *re City of Milwaukee v. T. M. E. R. & L. Co.* 1 W. R. C. R. 662, was not being observed by the above named company, in that during the months of February and March, 1907, on the State street line, there were five cars per hour running between Milwaukee and Wauwatosa, and at the time of making the complaint there were but three cars per hour. After a protracted correspondence, which was necessary in order to fully under-

stand the position of the complainant, his attention was called to the complaint in the above matter, which read as follows: "That the service on 12th street, between Center and Burleigh streets, is now and has been extremely unsatisfactory for two years past; that the railway company neglects and refuses to operate cars on its Eighth street line with a sufficient headway to adequately serve the people who reside in territory contiguous thereto." Therefore, the service complained of herein was not in issue, and complainant was advised, if he was dissatisfied with the service about which he complained, he should file a complaint which would be considered on its merits.

No. 1393.

Jan. 24, 1908.

Geo. W. Wing,

Kewaunee, Wis.

INTERSTATE RATES.

The complainant, as the representative of business interests at Kewaunee, asked this Commission to assist in securing through rates on coal from Kewaunee to points in Minnesota and the Dakotas, and stated that the western connecting lines of the Kewaunee, Green Bay & Western Railroad refused to arrange with those roads for through rates on coal, and asked whether this Commission could assist in securing such through rates.

The matter related entirely to interstate commerce and complainant was advised to address the interstate commerce commission direct.

No. 1394.

Jan. 30, 1908.

James Hastings,

vs.

M., St. P. & S. Ste. M. Ry. Co.

Emet, Wis.

CLAIMS.

Complaining of goods lost in transit between Bruce and Milwaukee. After correspondence between the officials of the above named railway company and the C., M. & St. P. Ry. Co., it developed that the claim had been overlooked, and the freight claim agent of the above named railway stated that he would take the matter up with the complainant and adjust it.

No. 1395.

Jan. 21, 1908.

*Geo. P. Klein,**Ft. Atkinson, Wis.*

RATES.

Asking for rates on certain commodities and also for the rule governing carload minima, which information was furnished him.

No. 1396.

Jan. 30, 1908.

Green Bay & Western R. R. Co.

WIRES OVER TRACKS.

Complaint was made to this Commission that the above named company had permitted certain wires to be strung over its tracks in the town of Hixton, Jackson county, Wis., which wires were strung over its tracks in violation of ch. 291, Laws of 1907.

The matter was taken up with the officials of the company, who stated that it would furnish the Commission with a report, showing the height of all wires above the tracks along their line in the town in question. This report was furnished, showing the wires crossing the tracks of the above named company at 14 points in the town in question, and these wires were at varying heights from 22 ft. to 28 ft. above the top of the rail. The company also advised the Commission that it had served notice on all corporations owning wires of any nature crossing its tracks that such wires must be at least 25 ft. above the surface of the rails.

Of all of which the complainant was advised.

No. 1397.

Jan. 29, 1908.

*John P. Flerschein,**vs.**C. & N. W. Ry. Co.**Milwaukee, Wis.*

DELAY OF SHIPMENT.

Complaining of delay on certain goods shipped from Rochester, N. Y., to Milwaukee, and alleging that the goods were delayed nine days between Chicago and Milwaukee.

The matter was taken up with the general manager of that company, who investigated the matter and reported that the delay was the result of the Erie R. R. Co. delivering the car to the Belt Ry., instead of following the usual custom of deliver-

ing to the C. & N. W. at Wood street. He reported that orders had been given which avoid a repetition of such errors.

No. 1398. Jan. 29, 1908.
Fountain City Supply Co., vs. C. & N. W. Ry. Co.
Fond du Lac, Wis.

PASSENGER TRAIN SERVICE.

The complaint was to the effect that the above named railway company had taken off two passenger trains, running between Fond du Lac and Sheboygan, and substituted therefor one mixed train, making the passenger service between the cities insufficient to the needs of the public.

The matter was taken up with the officers of the railway company and the former train service was restored.

No. 1399. Jan. 24, 1908.
Barker & Stuart Lumber Co., vs. C., M. & St. P. Ry. Co.
Wausau, Wis.

LONG AND SHORT HAUL PROVISION.

The complaint herein was to the effect that the above named railway company had no right to charge a higher rate on tan bark from an intermediate point than from a point beyond on the same line.

Held: That there is no long or short haul provision in the Wisconsin Railroad Commission Law; that the higher rate for the shorter haul might be evidence of an excessive rate; and that the Commission would consider a complaint in the matter.

No. 1400. Jan. 25, 1908.
City of La Crosse, vs. C., M. & St. P. Ry. Co.
La Crosse City Ry. Co.

DANGEROUS RAILWAY CROSSING.

The complaint herein alleged that a crossing at Mill street, in La Crosse, where the tracks of the street railway company, on said Mill street, cross the tracks of the C., M. & St. P. Ry. Co., is highly dangerous to human life, and that numerous accidents have occurred at that point, caused largely by the "kicking" or switching of freight cars over the crossing, resulting in occasional collisions between freight cars and street cars.

Correspondence submitted showed that the city authorities had attempted to effect changes in operation to minimize the danger. The Commission called the attention of the city authorities to paragraph 40, sec. 3, page 4, of the La Crosse City Charter, giving the city council power over train operation and safeguards at crossings, even more extensive and far reaching than those given the Commission; also that sec. 2, ch. 30, of said city charter gives the mayor full power and authority to enforce the charter provisions; also that paragraph 3 of ch. 595, Laws of 1907, provides expressly that railroads must place and maintain such flagmen, gates or mechanical safety appliances upon street crossings in cities as the city authorities may direct. In view of the ample power vested in the local authorities, the Commission instructed its engineer to co-operate with the city authorities in securing adequate protection at the crossing in question. The engineer personally investigated the conditions at the crossing, took the matter up informally with the operating officials of the railroad company and the city authorities, with the result that an agreement was reached that the street railway company station a switchman at the crossing in addition to the one maintained there by the railway company; that all "kicking" of cars by the railway company across the street shall be prohibited, and that the conductors of the street cars be required to flag their cars across the tracks.

No. 1401.

Feb. 1, 1908.

Village of Black Earth, vs. *C., M. & St. P. Ry. Co.*

PASSENGER TRAIN SERVICE.

In the above entitled matter a verbal complaint was made to the Commission, that no notice had been given to the citizens of the village of the change in the schedule of passenger trains on the Prairie du Chien division.

The matter was taken up with the proper officials of the railway company, who advised the Commission that the change was made on less than the usual notice and that the schedule was in the hands of the other agents a couple of days before it took effect, but that for some unexplained reason it did not reach the agent at Black Earth. At which the officials expressed regret.

No. 1402.

Jan. 31, 1908.

Amelia E. Fritz,

. vs. .

*La Crosse City Ry. Co.**La Crosse, Wis.*

STREET RAILWAY SERVICE.

In the above entitled matter complainant alleged that the railway company does not close the flues on its street cars when the stoves are taken out, causing discomfort and annoyance to the passengers.

The matter was taken up with the officials of the company, who advised the Commission that the trouble would be regulated so that there would be no future cause for complaint.

No. 1403.

Jan. 30, 1908.

*Riverside Box Co.**La Crosse, Wis.*

ALLEGED EXCESSIVE RATES.

In the above entitled matter complainant alleged that rates on wooden boxes, charged by the railroads doing business in La Crosse, are excessive.

Complainant was advised that it would be necessary for it to file a formal complaint. Nothing having been received, the matter is closed.

See *New York Fish Co. v. C., B. & Q. R. R. Co.* 2 W. R. C. R. 613.

No. 1404.

Jan. 31, 1908.

*H. C. Hoitomt,**Malvina, Wis.*

DEMAND FOR SIDETRACK.

In the above entitled matter the complainant inquired whether the railway company could not be compelled to furnish him with a side track to his ice house, if he did the grading and furnished the ties.

The matter was submitted to the officials of the company, who said, that the amount of business which would be received would not justify the company in constructing a side track, and suggested that the complainant build a runway from his ice house to the present siding, which would probably serve his purpose. This was submitted to the complainant.

No. 1405.

Feb. 4, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

REFUND.

In the above entitled matter the complainant asked for authority to refund to the Daniel Shaw Lumber Company certain moneys received as freight, in excess of what it believed to be a reasonable charge.

The company was advised that the application must come from the shipper under the provisions of sec. 1797.

Complaint was afterwards filed and a decision rendered entitled, *Daniel Shaw Lumber Co. v. C., St. P., M. & O. Ry. Co.* 2 W. R. C. R. 342.

No. 1406.

Feb. 1, 1908.

*Shadbolt Boyd Iron Co.,
Milwaukee, Wis.*

INTERSTATE RATES.

Complainant submitted papers relating to its claim which it had against certain railways, relating to a shipment of lumber from Brownsville, Tenn., to West Bend, Wis.

It appears that by a combination of local rates the freight could have been assessed at a lower freight rate than the rate charged.

Complainant was advised that the matter was outside of the jurisdiction of this Commission, and under that of the interstate commerce commission. That the latter body had held that where there was a freight rate between two points that that rate must be charged, notwithstanding the fact that there might be a lower rate based upon the sum of two local rates.

See informal complaint No. 1242.

No. 1407.

Jan. 29, 1908.

*C. Starkweather & Son, vs. C., M. & St. P. Ry. Co.
Beaver Dam, Wis.*

RE-BILLING OF CARS.

Asking whether there was any rule of the C., M. & St. P. Ry. Co. providing that a car, refused at one point, be returned to a station through which it had passed upon the payment of a fee of \$2.00 for re-billing.

Held: After a shipment is received at its destination there

is no rule permitting it to be returned part way on a reasonable billing. It might be forwarded to a point beyond its destination, at a point on a direct line with it, on certain conditions. If returned to a station which it had passed on its first trip, it must come as a new shipment at the regular rates.

No. 1408. Jan. 29, 1908.
Browne-Deer Lumber Co. vs. *W. C. Ry. Co.*
Milwaukee, Wis.

CLAIMS.

Complainant submitted to this Commission certain papers in a claim for overcharge on a shipment of cord wood, from Stetsonville to Portage, and having been received there the shipment was forwarded to Milwaukee.

Held: That the tariffs of the Wisconsin Central Ry. Co. do not provide for a re-consignment rule, which would govern in this case, for the reason that such re-consignment must be to a point beyond on a direct line. Portage being the last station on a branch of the Wisconsin Central, it must be returned over that line to Milwaukee. The shipment from Stetsonville to Portage was a complete transaction in itself, as was that from Portage to Milwaukee.

No. 1409.
O. F. Tate, vs. *C., B. & Q. R. R. Co.*

Formal complaint filed. See page 130.

No. 1410. Feb. 1, 1908.
A. D. Hobby, vs. *C., B. & Q. R. R. Co.*
Maiden Rock, Wis.

SHIPPING FACILITIES.

Complainant alleged that the C., B. & Q. R. R. Co. had removed a spur track connected with its main line, about a mile north of Maiden Rock station, and would not permit lumber or wood to be piled on its siding in the village.

The matter was taken up with the officials of the railway company and is still unadjusted.

No. 1411.

Feb. 4, 1908.

D. E. Wood Butter Co. *vs.* *C., M. & St. P. Ry. Co.*
Elgin, Ill.

ALLEGED EXCESSIVE RATES.

Complainant alleged that the above named company charged 59 cts. per 100 lbs. on butter from Greenville to Evansville, Wisconsin, in carload lots, while the rate from Greenville to Chicago was 49 cts. per 100 lbs.

Evansville being an intermediate point, the complainant was advised that the matter related to interstate commerce and was outside of the jurisdiction of the Commission. But it was taken up informally with the officers of the railway company, and after some correspondence the Commission was advised that the company would put into effect the Chicago rate to Evansville.

No. 1412.

Feb. 7, 1908.

Schwartz & Son, *vs.* *C., M. & St. P. Ry. Co.*
Troy Center, Wis.

RATES ON COKE.

Complainant alleged that the C., M. & St. P. Ry. Co. was charging it 90 cts. per ton on coke from Milwaukee to Troy Center.

The matter was taken up with the officers of the company, who at once reduced the rate to 75 cts. per ton, which was satisfactory to the complainant.

No. 1413.

Feb. 3, 1906.

Chicago Association of Commerce.

APPLICATION OF WESTERN CLASSIFICATION RULES.

Inquiry whether the rules of the western classification are applicable to business in Wisconsin.

Held: That such rules are applicable unless specially provided for by exception, subject, however, to change by this Commission upon complaint or upon its own investigation and after hearing.

No. 1414. Feb. 7, 1908.
Frede Westergaard, *vs.* *W. C. Ry. Co.*
Withee, Wis.

CLAIM FOR SHRINKAGE.

Complainant alleged that there was a shrinkage of 9,820 lbs. on a carload of potatoes shipped by him over the lines of the above named railroad company.

The matter was submitted to the officers of the company who, after investigation, declined to allow the claim.

No. 1415. Feb. 10, 1908.
Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to make, immediately effective, tariff naming rates on logs in carloads, minimum 4,000 feet per car hard wood and 5,000 feet per car pine and hemlock, from Long Lake and other spurs to Heineman, at 90 cts. per 1,000 feet.

Application approved.

No. 1416. Feb. 10, 1908.
Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, tariff of minimum rates on tan bark in carloads, minimum weight 20,000 lbs., from Long Lake and other stations to Tomahawk, at 4 cts. per 100 lbs.

Application approved.

No. 1417. Jan. 31, 1908.
Kewaunee Grain Company, *vs.* *C., M. & St. P. Ry. Co.*
Kewaunee, Wis. *G. B. & W. R. R. Co.*
C. & N. W. Ry. Co.

RATES ON COAL.

Complaint was made to the Commission that the rates on coal from Kewaunee to points within the state of Wisconsin were in excess of those from Manitowoc, Sheboygan and Milwaukee to the same points.

The matter was taken up with the officials of the above named railways and the Kewaunee, Green Bay & Western R. R. Co., regarding the furnishing of copies of tariffs in effect to different

points from Kewaunee. These were sent to the complainant, who advised the Commission that it preferred not to press its complaint.

No. 1418.

Feb. 8, 1908.

Wceb & Schweges,
Reedsburg, Wis.

CLAIMS.

Inquiry whether shippers were entitled to a refund on freight paid under the rule increasing the minimum charge on single shipments from 25 cts. to 40 cts., between such time as the rule took effect and the time it was changed by the Commission.

Held: That such refunds are not permissible, as the tariff establishing the rule was published in compliance with the requirements of the law, and while in effect it was the legal rate, and refunds thereon are not permissible.

No. 1419.

Feb. 6, 1908.

J. A. Vance,
Eau Claire, Wis.

vs.

W. C. Ry. Co.

RATES ON COAL.

Complaint that the Wisconsin Central Ry. Co. charged complainant \$1.80 per ton as freight on coal from Superior to Eau Claire, and alleging that the legal rate is \$1.40 per ton.

Held: The legal rate over the lines of the C., St. P., M. & O. Ry. Co. is \$1.40 per ton. (See *Noble et al. vs. C., St. P., M. & O. Ry. Co.*, 1 W. R. C. R., 767.) But that the order in the above matter does not affect the Wisconsin Central, and its published tariff rates provide for \$1.80, as charged.

No. 1420.

Feb. 10, 1908.

A. H. Dahl,
State Treasurer.

REPORTS.

The above entitled matter relates to the reports which the railway companies make to the state treasurer, relating to their license fees, and which must be approved by this Commission. These reports are an informal matter as heretofore.

No. 1421.

Feb. 6, 1908.

*E. J. Kneen,**vs.**C., M. & St. P. Ry. Co.**Bangor, Wis.*

MINIMUM CHARGE ON SINGLE SHIPMENT.

The above entitled matter related to a shipment of crepe paper from Minneapolis to Bangor, package weighing less than 100 lbs., on which freight at 60 cts. was charged. The charge was made in accordance with the tariffs of the above mentioned company, and consequently at the legal rate, and complainant was so advised.

No. 1422.

Feb. 7, 1908.

*G. M. Stephen,**vs.**C. & N. W. Ry. Co.**Chicago, Ill.*

CLAIMS.

The complainant is an attorney residing in Chicago, devoting his attention to claims against railway companies, and has submitted numerous matters to this Commission asking for assistance in collection. He has been in each case informed of its limited jurisdiction in this matter.

The matter in the present instance relates to a shipment of pulleys from De Pere to Cudahy, the question being whether pulleys should be classed as machinery under the rules of the western classification committee. The Commission declined to express an opinion thereon and suggested that formal complaint be filed, which complainant declined to do.

No. 1423.

Feb. 7, 1908.

In re Chicago, Milwaukee & St. Paul Ry. Co.,

ALLEGED ASSAULT BY AGENT.

Complaint was made alleging that an agent on its La Crosse division had brutally assaulted an inoffensive person and otherwise comported himself in an improper manner.

The matter was given a thorough investigation and the charges are believed to be without foundation.

No. 1424.

Feb. 11, 1908.

George Dow,
Madison, Wis.

INTERSTATE RATE ON HORSES.

Complainant alleged that he had been charged in freight on one horse, shipped from Corunna, Ind., to Madison, at the rate of 77 cts. per 100 lbs., on a minimum of 500 lbs.

An investigation of the tariffs on file in this office indicates that the amount charged was the regularly published tariff rate.

No. 1425.

Feb. 3, 1908.

Wisconsin Paper Stock Co.,
Neenah, Wis.

RATES.

Complainant alleged that it shipped certain cars from Neenah to Albany, New York, loaded with bales of mixed rubbers and rags. The rates governing in the above entitled matter were furnished.

No. 1426.

Feb. 10, 1908.

Frank Wallen, *vs.*
Lannon, Wis.

C., M. & St. P. Ry. Co.

CLEARING SIDE TRACKS.

Complainant alleged that the above named railway company compelled him to keep the tracks leading to his stone quarries free from snow, or otherwise the service would not be rendered.

It was suggested to the complainant that he file a formal complaint, which he failed to do.

No. 1427.

Jan. 31, 1908.

Marinette, Tomahawk & Western Ry. Co.

EMERGENCY RATES.

Application for authority to publish, effective immediately, rate of \$5.00 per car on sawdust, shingle shavings, chips, wood and slabs for fuel, from Tomahawk, Wis., to the Tomahawk Pulp & Paper Company's mill.

Application approved.

No. 1428.

Feb. 12, 1908.

*P. F. Boulay & Bro. Co.,
Fond du Lac, Wis.*

vs.

*C. & N. W. Ry. Co.***CAR SERVICE.**

Complainant herein alleged that its warehouse is located upon the C. & N. W. Ry. Co.'s tracks, and that the above named railway delays placing for loading or unloading cars coming in over other roads.

The matter was referred to the proper official of the railway company, who advised the Commission, in substance, that the matter had been investigated and explanations received from the agent, and that the railway company was responsible for some serious delays in handling certain freight, but that instructions had been given relating to the handling of cars consigned to the complainant, which would prevent a recurrence of the difficulty.

No. 1429.

*M. W. Knapstein,
New London, Wis.*

vs.

C. & N. W. Ry. Co.

Formal complaint filed. See page 127.

No. 1430.

Jan. 10, 1908.

*Duluth, South Shore & Atlantic Ry. Co.***MAP OF RAILROAD CROSSING FILED.**

Map showing crossing of the main line of the above mentioned railway company by the Wisconsin & Northern Minnesota Ry. Co. was filed with the Commission.

No. 1431.

Feb. 18, 1908.

*Northern Pacific Ry. Co.***EMERGENCY RATE.**

Application for authority to publish, effective immediately, rate of 3½ cts. per cwt., minimum 60,000 lbs., on logs, carloads, from Enderlein and Pearson, Wis., to Ashland.

Application approved.

No. 1432.

Feb. 17, 1908.

*Chicago & North Western Ry. Co.***ALLEGED DISCRIMINATION IN WAREHOUSE SITES.**

Certain persons, residing at Fond du Lac, alleged that the above named railway company was discriminating at Fond du

Lac in favor of one coal shipper and against others, in that it permitted him to occupy valuable land for warehouse purposes at a nominal rate, and refused to permit other coal dealers to occupy premises owned by the company.

The matter was taken up informally with the officials of the company, who advised the Commission that the situation at Fond du Lac was identical with that of other stations along its line, not only in Wisconsin, but throughout its entire system. That permission to occupy company property grew out of a development of the company's lines, rather than an attempt to favor any particular shipper, the rule, "first come, first served" having been observed, and when all the space became occupied, other persons applying were compelled to go elsewhere. The company stated that it would be pleased to have the Commission give an opinion upon the question involved. The Commission declined to express an opinion without more definite facts than it had been furnished with.

When a railway granted two persons the right to erect elevators on its right of way, but refused to grant the same right to others, it was held that the company could be compelled to grant the latter the same privilege. The court said:

"It need not grant these facilities on its right of way, because such right of way may, and in many cases will, be necessary for the various side-tracks at the station; but, if it grants such right to one or more persons, it must, on the same terms, grant a like right to all who in good faith apply for that purpose." *Warehouses on Right of Way, State vs. Missouri Pacific Ry. Co.* 29 Nebraska, 555; 45 N. W. 785.

No. 1433.

Feb. 11, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY TARIFF.

Application for authority to publish, effective immediately, amendment to its G. F. D. 725 D, including Athelstane.

Application approved.

No. 1434.

Feb. 11, 1908.

Montross & Pelton,
Reedsburg.

vs.

C. & N. W. Ry. Co.

PERISHABLE FREIGHT.

Complaining that the agent of the above named railway company at Reedsburg refused to receive for shipment one barrel

of potatoes, except at owner's risk, to be shipped through to Chicago, and to be returned from Chicago to Madison.

The matter was submitted to the officials of the company, who advised the Commission that the potatoes, being perishable freight, it was necessary to ship them in a refrigerator car. That on the day they were tendered there was no refrigerator car at Reedsburg, and it was necessary, if the shipment was handled that day, for it to go forward in a through refrigerator car to Chicago, and to be returned by the same service to Madison.

This information was submitted to the complainant.

No. 1435.

Feb. 10, 1908.

Stein Brothers,

Black River Falls, Wis.

CLAIMS.

Complainant submitted certain claim papers, showing a loss of 199 lbs. of old rubbers in transit from Rice Lake to Chicago. He was advised that the Commission had little jurisdiction over claims and that, as a question of fact existed between the railway company and himself, it would be necessary for him to apply to a court for redress.

No. 1436.

Feb. 18, 1908.

Wolf River Paper & Fibre Co., *vs.* *C. & N. W. Ry. Co.*
Shawano, Wis.

COAL RATES.

Complainant alleged that the above named railway company charged a rate of \$1.00 per ton on coal shipped it from Menominee, Mich., to Shawano; that such rate was excessive as compared with rates charged other paper manufacturers in the same district. Complainant was advised that the matter related to interstate commerce, and as such was outside the jurisdiction of this Commission, and it was suggested that he address the interstate commerce commission, which course the Commission is advised was taken.

No. 1437. Feb. 15, 1908.
Thos. P. Griffiths, vs. *C., M. & St. P. Ry. Co.*
Union Grove, Wis.

CLAIMS.

Complainant alleged that through the negligence of the train operatives of the above named railway company, he was injured on a highway crossing. Complainant was informed that this Commission has little or no jurisdiction over claims for damages, but the matter was submitted to the officials of the company, who advised the Commission that the matter had been investigated and, in view of the facts as the company found them, it was compelled to decline the claim.

No. 1438. Feb. 18, 1908.
A. Knowles, vs. *N. P. Ry. Co.*
Iron River, Wis.

ALLEGED OVERCHARGE.

Complaining that the N. P. Ry. Co. charged him 65 cts. freight on a box weighing but 10 lbs. and of a value less than the amount charged.

Held: 1, That the matter related to interstate commerce and as such was outside the jurisdiction of this Commission; 2, that the charge was based upon the rule regulating charges for single shipments.

No. 1439. Feb. 15, 1908.
Blakeley & William, vs. *C., M. & St. P. Ry. Co.*
Union Grove, Wis.

CAR SHORTAGE.

Complainant herein alleged that the above named railway company was not promptly furnishing refrigerator cars for shipments of cabbage.

The matter was taken up with the proper officials of the company and the Commission was advised that the cars would be furnished to satisfy the demands of complainant.

No. 1440. Feb. 15, 1908.
Walter Brothers Brewing Co., . . . vs. *W. C. Ry. Co.*
Menasha, Wis.

SWITCHING SERVICE.

Complainant alleged that the switching engine furnished by the above named railway company at Menasha was insufficient.

The matter was taken up with the officials of the company and explanations were submitted by them, which were forwarded to the complainant, who was advised that if ~~these~~ did not satisfy, it would be necessary to file a formal complaint, which it declined to do.

No. 1441. Feb. 17, 1908.
Brittingham & Young Co., . . . vs. *C. & N. W. Ry. Co.*
Madison, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of lumber from Wabeno to Marinette, believing that a lower rate than the one charged had been established by the Commission in its order entitled, *G. W. Jones Co. vs. C. & N. W. Ry. Co.* 1 W. R. C. R. 520, the order in which did not take effect until July 1, and the shipment seems to have been made on June 11, consequently the order in question could not be regarded as establishing the rate to be charged.

No. 1442. Feb. 14, 1908.
W. F. Gage, . . . vs. *C. B. & Q. R. R. Co.*
La Crosse, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on a shipment of coal received at La Crosse from a point in Illinois. The matter was referred to the officials of the railway company, who stated that they would take it up direct with the complainant and reach an adjustment they hoped would be satisfactory to him.

No. 1443.

Feb. 15, 1908.

Bennett & Myers,

vs.

*W. C. Ry. Co.**Weyauwega, Wis.*

MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complainants alleged that the company had charged them 50 cts. for transporting two window shades from Chicago to Weyauwega, weighing but 20 lbs. Complainant was advised that this was due to the new rule put into effect by the railway companies affecting interstate traffic, under which the minimum charge for articles of that nature take a rate of first class per cwt., or 50 cts., as charged.

No. 1444.

Feb. 19, 1908.

In re United States Express Co.

EXPRESS RATES.

The complainant, a resident of Milwaukee, complained that a member of his family had died in Denver and the remains were embalmed and shipped by the above named express company, together with her personal effects in a trunk, and that charges were collected on the trunk, in addition to the other charges.

The matter was submitted to the officials of the express company, who replied as follows:

"The interstate rate on this class of matter calls for the carrying free with remains of human beings shipped by express personal belongings not to exceed 150 pounds in weight, provided they are carried with the remains. In the case in question, the personal effects were not shipped by the Denver undertaker until three or four days after the remains had left Denver, and we could not, without violating the rules, carry the effects free or refund on them after they had been carried."

The matter being outside the jurisdiction of the Commission, no further action was taken.

No. 1445.

Feb. 19, 1908.

Ed. Wegner & Son,

vs.

*W. C. Ry. Co.**Phillips, Wis.*

ALLEGED DAMAGE IN TRANSIT.

The complainants herein alleged that they had shipped cheese to Louisville, which was frozen when it arrived at destination,

and wished to be advised whether the companies were liable therefor.

The complainants were advised that the matter was outside the jurisdiction of the Commission, but that it would be taken up with the officials of the railway company, which was done, they stating that if the owners would make claim with proper documents, the matter would be handled in the shortest possible time.

No. 1446.		Feb. 21, 1908.
<i>Geo. W. Price,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.</i>
<i>Crandon, Wis.</i>		

DELAY IN OBEYING ORDER.

Complainant alleged that the order of the Commission *in re Price v. C. & N. W. Ry. Co.* 1 W. R. C. R. 611, was not being observed by the railway company.

The matter was promptly taken up with the officials of the company, who advised that the neglect to put into effect the order of the Commission was due to an error on the part of the traffic department, but that the tariff, in accordance with the order, had just been issued and the company would adjust claims arising out of shipments made since the order became legally effective.

No. 1447.	Feb. 24, 1908.
<i>Northern Pacific Ry. Co.</i>	

PULP WOOD RATES.

The railway company herein stated that in publishing its tariff to comply with the order of the Commission *In re Rates on Pulp Wood*, 2 W. R. C. R. 168, it had failed to make such tariff effective on the date required under the Wisconsin statute, and inquired whether it was at liberty to make adjustments on shipments made after the date when the rate ordered became legally effective.

Held: The company should make such adjustments.

No. 1448.

Feb. 22, 1908.

Duluth, South Shore & Atlantic Ry. Co.

MAP FILED.

Filing map showing its property lines from Slaughter's Addition to the Bay of Superior, in the city of Superior, Wis., and information relating to the installation and maintenance of an interlocking system between its line, the Minneapolis, St. Paul & Sault Ste. Marie and the Wisconsin Central railway companies' lines.

No. 1449.

Feb. 20, 1908.

F. A. Fitzgerald, vs. *C., St. P., M. & O. Ry. Co.*
Rock Elm, Wis.

ALLEGED OVERCHARGE.

Complaining that the above named railway company had overcharged him on a carload of hogs, shipped from Spring Valley, Wis., to South St. Paul, Minn.

Complainant afterward advised the Commission that his claim had been settled in full.

No. 1450.

Geo. H. Katz, vs. *American Express Co.*
Milwaukee, Wis.

Formal complaint filed. See page 128.

No. 1451.

Feb. 23, 1908.

T. L. Foster,
North Fond du Lac, Wis.

RIGHT TO USE PASS.

The complainant herein stated that he was a train despatcher and was asked to accept the position of village clerk; that he had an annual pass over a railway line, and wished to know whether by the acceptance of the clerkship, he must give up the pass.

Held: 1. That a person could not hold the office of village clerk and at the same time hold and use a pass good for travel within the state of Wisconsin. 2. The Wisconsin law did not affect the right of a holder to use a railroad pass in making purely an interstate journey. *In re Railroad Passes to City Officials*, No. 796, Report of R. R. Commission of Wis. for 1907, page 173. *In re William Gray*, id., page 207.

No. 1452.

Feb. 24, 1908.

Gehl Brothers,
West Bend, Wis.

RATES.

Asking for the rates on lumber from Hartford to West Bend, which were furnished.

No. 1453.

Feb. 24, 1908.

Portage Hosiery Co.
Portage, Wis.

CLAIMS.

Complaining of the loss of a case of hosiery shipped from Portage to Lambertville, N. J.

The complainant was advised that this Commission had no jurisdiction over matters of that nature.

No. 1454.

Feb. 25, 1908.

Chas. E. Rice,
New Albany, Ind.

RATES ON SHOW OUTFITS.

Complaining that railroad companies running out of Chicago discriminate in their charges for transporting mixed carloads of Shetland ponies, dogs and equipment for exhibition purposes.

As the matter complained of seems to have related to interstate commerce, the complainant was advised to address the interstate commerce commission.

No. 1455.

Feb. 24, 1908.

Illinois Glass Co., *vs.* *C., M. & St. P. Ry. Co.*
Milwaukee, Wis.

RATES ON GLASSWARE.

The complainant herein alleged an overcharge, made by the above named railway company in transporting a car loaded with glassware from the C. & N. W. Ry. tracks to its team track at its North Avenue station, and claiming that only a switching rate should have been charged.

Held: 1. Rule 3 of the C., M. & St. P. Ry. Co. switching tariff No. 1 provided as follows: "This company will not switch cars to or from any line for team track delivery within the switching districts of Milwaukee."

2. "The rate on bottles in bulk, Milwaukee to North Avenue station, is 4 cts. per cwt., same being distance tariff for 5th class, 5 miles or under."

No. 1456.

Feb. 18, 1908.

Geo. W. Ellis,
Omro, Wis.

RATES.

Complainant asked to be furnished the rate on immigrant movables in carloads from Omro to Middlebury, Vt., which was furnished.

No. 1457.

Feb. 17, 1908.

Holt Lumber Co., *vs.* *C. & N. W. Ry. Co.*
Oconto, Wis.

SNOW AND ICE ACCUMULATED IN TRANSIT.

Complainant alleged that in a shipment of bark from Lakewood and Mountain to Milwaukee, while in transit an amount of snow and ice accumulated on the cars, and that the railway company insisted on charging the total amount of the contents of the car, including the snow and ice, stating that "the alleged accumulated weight of snow and ice on this bark was not through any cause attributed to the carrier." The matter was submitted to the officials of the railway company, and after an extended correspondence, the company stated that the claim had been declined in accordance with the recommendation of the Western Railway Weighing and Inspection Bureau; that in assessing the charges on the carload of bark in question, its weight was arrived at by weights taken on the wagon scale at its Milwaukee station; that the car was unloaded in 25 wagon loads; that the claim was declined on the ground that the weight taken over the wagon scales did not include any accumulation of snow and ice; that the claim would be further considered if it could be shown that the consignees hauled the snow and ice over the wagon scales so that it was included in the weight of the contents of the car.

No. 1458. Feb. 22, 1908.
E. A. Morse, vs. *W. C. Ry. Co.*
Washington, D. C.

CARRYING OF MAIL.

The complainant herein represents the 10th congressional district of Wisconsin in the house of representatives, and advises the Commission that the post-office department had been trying to persuade the Wisconsin Central Ry. Co. to carry mail from Marshfield, by way of Arpin, to Vesper, in Wood county; that the company had not replied to the requests of the government officials, and was still refusing to carry the mail, and inquiry was made whether the Commission had jurisdiction in the matter, so that the citizens of the district to be served might make complaint.

The complainant was advised by the secretary that it was his personal and unofficial opinion that the Commission had jurisdiction to compel the railway company to carry the mail under the general service clause of sec. 3, ch. 362, Laws of 1905, known as the Railroad Commission Law, and also under the provisions of sec. 12 of the same law.

No. 1459. Feb. 12, 1908.
In re Chicago & North Western Ry. Co.

HEATING OF PASSENGER TRAIN.

Complaint was made to the Commission that the morning train of the above named company, from Fond du Lac to Janesville, on a certain date, was without heat and in an unsanitary condition.

The matter was referred to the general manager of the company, who stated that he had investigated the matter and could not find that the charge relating to the unsanitary condition of the car was well founded, but that the train was cold, owing to an unavoidable accident to heating arrangements.

No. 1460. Feb. 19, 1908.
F. F. Oldenberg, vs. *C., M. & St. P. Ry. Co.*
La Farge, Wis.

OVERCHARGE.

Complaint was made to the Commission that the railway company had charged a minimum of 50 cts. on a package of freight

weighing less than 100 lbs., shipped between points in the state of Wisconsin over one line of road.

Held: That the charge was excessive, that the legal rate was 25 cts., and that the railway company would doubtless refund the overcharge if the matter was presented through one of its agents.

No. 1461.

Feb. 26, 1908.

Edward L. Thornton,
Green Bay, Wis.

vs.

C. & N. W. Ry. Co.

STATION FACILITIES.

Complaint was made that the C. & N. W. Ry. Co. had closed its station buildings at Anston, and that this worked a hardship upon the traveling public desiring to take trains from that point.

The matter was referred to the general manager of the company, who promised to investigate the matter and take it up with the complainant.

No. 1462.

Feb. 28, 1908.

McDirmid-Miller Lumber Co.,
Hixton, Wis.

COAL IN MIXED CARLOADS.

Complainant alleged that great hardship was being done local retail fuel dealers by reason of the rule, enforced by the railway companies, refusing to allow the loading of two kinds of coal in one car, the whole shipment being moved at the maximum rate of either commodity contained in the mixed carload. The information was given that this subject had been before the Commission informally many times and that, while many local retail dealers had expressed desire for change of this rule, none would consent to bring the matter up in a formal complaint, and, in fact, upon examining their interests, objected to change of the rule, fearing that if the rule were changed, it would encourage catalog houses to bring further pressure to bear upon railroad management to so enlarge the rule as to enable them to ship in mixed carloads of merchandise for which orders had been taken in advance. Complainant was advised that a formal complaint might be filed if it was desired to press the matter, and nothing further having been heard, the matter is considered closed.

No. 1463.

Feb. 28, 1908.

*Shadbolt & Boyd Iron Co.,
Milwaukee, Wis.*

CLAIMS.

The complainant herein sent the Commission a file of claim papers relating to an overcharge in weight on a car of wagon-rims, shipped from Milwaukee to West Bend, alleging that a 44-foot car was ordered and that the agent furnished a 36-foot car, and that it was impossible to load the required minimum in the car furnished.

Complainant was advised of the limited jurisdiction of the Commission over claims, and was informed that the charge was based upon the legal tariffs.

No. 1464.

Feb. 24, 1908.

*Glauser, Dash Ladrick Co.,
Chicago, Ill.*

vs.

I. C. R. R. Co.

RATES ON CHEESE.

Complainant herein alleged that the Illinois Central R. R. Co. had advanced its rates on cheese from 22½ cts. to 26 cts. per 100 lbs., from points in Wisconsin to Chicago.

Held: That the tariffs of the Illinois Central on file in this office show the rate to be still 22½ cts.

No. 1465.

Feb. 28, 1908.

*G. W. Stubblefield,
Butternut, Wis.*

vs.

W. C. Ry. Co.

LOADING FACILITIES FOR FOREST PRODUCTS.

The complainant herein alleged that the railroad company had constructed a spur track off of its main line, four miles north of Mellen, for the use of one George Wilkinson, who paid the cost of this track; and that Wilkinson demanded of complainant an exorbitant amount for the right to use this spur for the purpose of loading cars.

The matter was taken up with the officials of the company, who advised the Commission that complainant could obtain a right to use a portion of the track by reimbursing Mr. Wilkinson for a portion of the expense incurred by him. After a correspondence of some length on the matter, the Commission was informed, on April 30, by the general superintendent of the

railroad company, that the parties had adjusted the matter between themselves.

No. 1466.

Feb. 25, 1908.

R. H. Burns,
Ladysmith, Wis.

RATES.

Inquiring of the Commission the rate per 100 lbs. on "un-breakable" materials.

The complainant was asked whether he referred to packages weighing less than 100 lbs. each, and was given the rule governing the minimum charge on such packages, from Chicago to Ladysmith.

No. 1467.

Feb. 26, 1908.

J. F. Henning,
Chili, Wis.

RATES.

Inquiring the rate on fresh fish from Green Bay to Chili, which information was furnished.

No. 1468.

March 2, 1908.

Laun Brothers,
Wausaukee, Wis.

MINIMUM RATE FOR SINGLE SHIPMENTS.

Complainants submitted bill for 45 cts. for shipment of printed circulars, 20 lbs., from Galewood, Ill., to Wausaukee, complaining that charge was excessive.

Held: The matter involves an interstate shipment, which is outside of the jurisdiction of the Commission. Rate charged was according to the published tariff on file with the Commission.

No. 1469.

Feb. 29, 1908.

J. B. Gruber & Co., *vs.* *M., St. P. & S. S. M. Ry. Co.*
Catawba, Wis.

RATES.

Complainants herein asked to be advised of the rates on certain commodities between certain points, which were furnished them.

No. 1470.

March 3, 1908.

*Standard Wagon Co.,
Stoughton, Wis.*

LUMBER RATES.

Inquiry was addressed to the Commission asking for the rates on lumber from Soldiers Grove to La Farge, Richland Center and Blue River to Stoughton.

Which information was furnished.

No. 1471.

March 4, 1908.

*Hind & Fuchs,
Indianapolis, Ind.*

RATES ON CABBAGE.

Complainant alleged that an excessive rate on cabbage from Genoa Jet. to Indianapolis prevented cabbage growers at that point from shipping to the latter market. That the rate from Racine to Indianapolis is but 13½ cts., while from Genoa Jet. it is 26½ cts. per hundred.

Complainant was advised that this Commission had no jurisdiction over the rates in question, and it was suggested that it be laid before the interstate commerce commission.

No. 1472.

March 4, 1908.

Chicago & North Western Ry. Co.

SANITATION.

Upon an investigation by the Commission regarding the condition of out-houses along the line of the above named railway company, some suggestions were offered regarding the means of keeping such buildings clean.

The matter was submitted to the general agent of the company, who advised the Commission that within a few years the company has made strenuous efforts to improve the conditions and that it has met with quite a fair measure of success, and it would be glad to welcome any suggestions made by the Commission or its inspectors.

The Commission suggested that if the doors were kept locked up to thirty minutes before and after the arrival of passenger trains it might prevent the use of the out-houses by persons other than patrons of the road and give the employes a better opportunity to watch such buildings and to prevent their misuse,

No. 1473.

Feb. 26, 1908.

Vernon C. Ward,
Gordon, Wis.

vs.

C. & N. W. Ry. Co.

PASSENGER SERVICE.

Complaint related to the passenger train service at Gordon, it being alleged that trains Nos. 94 and 63 should stop at that point.

The matter was submitted to the officials of the company, who advised the Commission that the trains in question are through interstate trains, scheduled to run at a high rate of speed, which it was difficult to maintain. That it is impossible to provide for more stops on the present schedule. This report was submitted to the representatives of the complainant.

No. 1474.

March 4, 1908.

Vernon C. Ward,
Chicago, Ill.

vs.

C. & N. W. Ry. Co.

SHORT LINE MILEAGE.

The complainant herein alleged that he took a train from Watertown to Madison on the C. & N. W. Ry., and that the conductor refused to accept mileage at the short line rate and called for the actual distance traveled, which was thirty-seven miles greater than it would have been if he had gone over the line of the C., M. & St. P.

Held: That the C. & N. W. tariffs on file in this department do not authorize short line mileage between Watertown and Madison, and the conductor was within the rules of the company when he detached full mileage for the distance traveled.

No. 1475.

March 5, 1908.

T. H. Russell,
Brillion, Wis.

THROUGH RATES.

Complaint herein related to the rate charge on two horses shipped from Kalamazoo, Mich., to Brillion, Wis. It appearing that there was in existence a combination of local rates, made up from the rate from Kalamazoo to Chicago and from Chicago to Brillion, which would have been less than the through rate charged.

Held: Under the rule of the interstate commerce commission the published through rate governs.

No. 1476.

Paul Gosz, vs. C., M. & St. P. Ry. Co.
Formal complaint filed. See page 129.

No. 1477.

March 10, 1908.

Rolland L. Porter, vs. W. C. Ry. Co.
Mukwonago, Wis.

TELEGRAPH SERVICE.

The complainant herein advised the Commission that the railroad agent at Mukwonago refused to accept a telegram from him, whereby he suffered a financial loss. A copy of the investigation of the Commission *In re Investigation of Telegraph Service*, 2 W. R. C. R. 263, was sent him, and the matter was taken up informally with the officials of the railway company, who advised the Commission as follows:

"We do not, under any circumstances, care to re-establish the telegraph at that point, so far as railroad business is concerned, as we are able to get along very well without having telegraph installed. If the Western Union Company desires to make arrangements direct with the agent at that point for the handling of Western Union business, we will not enter any objections whatsoever, but the station in this event will continue to remain closed as a telegraph office, so far as railroad business is concerned."

No. 1478.

March 7, 1908.

In re PASSENGER FARES PAID ON TRAINS.

The legal representatives of the Minneapolis, St. Paul & Sault Ste. Marie, and Chicago & North Western, and Chicago, Milwaukee & St. Paul railway companies addressed the Commission, asking for an opinion whether or not the companies could, under the laws of Wisconsin, issue a rule requiring conductors to collect 10 cts. in excess of the legal fares from persons boarding passenger trains at stations where tickets can be purchased, such conductors to give a check, good at any station along the line of the railroad, by which the excess can be collected back.

The matter being legal in its nature, the correspondence was submitted to the attorney general, and an opinion thereon was requested from him, which reads in part as follows:

"The general rule is that a railroad company, furnishing facilities for the purchasing of tickets, may establish a rate of

fare for passengers failing to provide themselves with tickets before entering the train, higher than the ticket rate, the extra charge being regarded as a compensation to the company for the inconvenience to which it is subjected by being compelled to receive the fare by the hands of the conductor." (Citing *Phettiplace v. R. Co.* 84 Wis. 412, and other cases.)

The attorney general quoted sec. 1819, of the Statutes of 1898, as amended by ch. 622, Laws of 1907, known as the Two-Cent Fare Law, at length, and concluded that under the case cited above, that though the law established a maximum passenger rate beyond which carriers could not go and retain the excess as their absolute property, still the company could legally collect the excess from a passenger, if provision was made for a refund of the amount at the termination of the journey.

The opinion is given in full on page 819, Biennial Report and Opinions of the Attorney General for 1908.

No. 1479. Feb. 17, 1908.
A. O. Finch, et al., vs. *C., M. & St. P. Ry. Co.*
Heineman, Wis.

ALLEGED INSUFFICIENT PASSENGER SERVICE.

A petition signed by a large number of residents in the territory served by the Gleason branch of the above named railway company, was filed with the Commission, alleging insufficient passenger service on that branch of the company's road.

The matter was taken up informally by the officials of the company and on March 25 the Commission received a letter from the complainant, stating that changes had been made, which were entirely satisfactory.

No. 1480. March 7, 1908.
In re COMMUTATION TICKETS BETWEEN WATERTOWN AND MILWAUKEE.

The complainant herein alleged that the Chicago, Milwaukee & St. Paul Ry. Co. had discontinued selling commutation tickets between Milwaukee and Watertown, but that it still sold them between Milwaukee and Oconomowoc. The matter was submitted to the officials of the railway company, who advised the Commission that commutation tickets were established between Milwaukee and points on the La Crosse division, primarily on account of the large summer travel between Milwaukee and the

territory included in Waukesha county. That a number of Milwaukee families occupy summer cottages at Oconomowoc and intermediate points during the season and make frequent trips to and from Milwaukee, the heads of the families, as a rule, making daily trips. That the cost of transportation is a large factor when the question of summer outings is considered, and it has been found that commutation rates have aided considerably in building up this class of business. That the same reasons do not exist for commutation rates to Watertown. That the reasons that prompted the continuance of commutation rates to Oconomowoc do not exist in the case of Watertown.

No. 1481.

March 13, 1908.

*S. J. Riordan,**Port Washington, Wis.*

MINIMUM CHARGE ON SINGLE SHIPMENT.

The complainant herein alleged that he was charged 77 cts. freight on casting shipped from Kalamazoo, Mich., to Port Washington, Wis.

Held: That the tariffs on file at this department show the amount charged to be based upon the legally published tariff in effect between the two places.

No. 1482.

March 5, 1908.

*Torrey Cedar Co.,**vs.**C. & N. W. Ry. Co.**Clintonville, Wis.*

CLAIMS.

The complainant herein submitted to the Commission claim papers against the railway company, alleging overcharges. The claims having accrued before the establishment of this Commission, nothing could be done with them.

No. 1483.

March 5, 1908.

*Northwestern Lumber Co.,**vs.**C., St. P., M. & O. Ry. Co.**Eau Claire, Wis.*

CLAIMS.

The complainant herein submitted papers in claim which it had against the railway company, but the claim having accrued before the establishment of this Commission, nothing could be done with them.

No. 1484. March 10, 1908.
Oconto Brewing Co. *vs.* *C. & N. W. Ry. Co.*
Oconto, Wis.

RATES ON BEER.

The complainant herein alleged that the rate on beer from Oconto to Sheboygan is 14½ cts. per hundred in carload lots, while the freight on the same commodity from Milwaukee to Oconto is 15 cts. per hundred, carload lots. That the distance from Oconto to Sheboygan is 95 miles, while from Milwaukee to Oconto the distance is 141 miles.

The matter was taken up with the officials of the company, and on March 24 the complainant advised the Commission that the rates had been satisfactorily adjusted by the railway company.

No. 1485. March 12, 1908.
F. B. Wing, *vs.* *W. C. Ry. Co.*
Abbotsford, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint herein related to the charge made by the above named railway company on shipments of gasoline weighing less than 100 lbs., between Chicago and Abbotsford, and St. Paul and Abbotsford. The charges were investigated and found to be in accordance with the published tariffs, and complainant was so advised.

No. 1486. March 10, 1908.
Edw. M. Strasburg, *vs.* *C., M. & St. P. Ry. Co.*
Deansville, Wis.

STATION FACILITIES.

Complaint herein was to the effect that the railway company maintained no shelter at Deansville. The matter was taken up with the officials of the company, who promptly advised the Commission that arrangements had been made to place a ceiled hand car house at that station, and complainant was so advised.

No. 1487.

March 10, 1908.

Miner Bros.,

vs.

*C. & N. W. Ry. Co.**Carter, Wis.*

STATION SERVICE.

Complainant herein alleged that the above named railway company was not furnishing station service in accordance with an agreement entered into between the company and the Commission, referred to in First Biennial Report of the Commission, page 355.

The matter was taken up with the officials of the company, who stated that there had been failure on the part of the trainmen to unload goods at the point in question, but that orders had been given which had corrected the trouble.

No. 1488.

Feb. 25, 1908.

Frank Carter Co.,

vs.

*C., St. P., M. & O. Ry. Co.**Menomonie, Wis.*

CLAIMS.

The complainant herein submitted a number of claims for overcharges which it had against above named railway company, and asked for advice in regard to collections. Its attention was called to ch. 1797—37m, known as the Refund Law, passed by the last session of the legislature, giving this Commission jurisdiction to authorize refunds in cases where it found the charges to have been unreasonable.

No. 1489.

March 17, 1908.

Erick Hendrickson,

vs.

*W. C. Ry. Co.**Chippewa Falls, Wis.*

STATION SERVICE.

Complainant and sixty-two other persons alleged the lack of station service at Bateman.

The matter was taken up with the proper officials of the company, who submitted a statement showing the amount of business transacted at that point, and also the inhabitants residing in the territory contiguous thereto. A copy of this letter was sent to complainants, with a statement that a formal complaint would be necessary if the Commission should have jurisdiction over the matter, but nothing further was heard from them.

No. 1490.

March 16, 1908.

Thos. W. Finney,
Cassville, Wis.

RATES ON WAGONS.

The complainant herein submitted a freight bill on a carload of wagons, shipped from Boscobel to Cassville, and asked to be advised whether or not there had been an overcharge. The matter was investigated, and it was found that there was a published through rate of 20 cts. per cwt. as charged, but that there was also in effect a rate of 9 cts. per cwt., Boscobel to Prairie du Chien, and a rate of 9 cts. per cwt. Prairie du Chien to Cassville, making through rate of 18 cts.

Held: Where there are two conflicting rates, the lower rate should prevail.

No. 1491.

Feb. 27, 1908.

W. L. Finton Co., *vs.* *Wisconsin Demurrage Bureau.*
Appleton, Wis.

CAR SERVICE ON INTERSTATE SHIPMENTS.

The complainant herein submitted certain claims which it had against railroads represented by the above bureau on an interstate shipment.

Held: The interstate commerce commission alone has jurisdiction of complaints arising from demurrage charges on interstate shipments. *Cudahy Packing Co. v. C. & N. W. Ry. Co.* 12 I. C. C. R. 446; *Texas & Pacific Ry. Co. v. Abilene Cotton Oil Co.* 204 U. S. 426.

No. 1492.

March 12, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

REQUEST FOR AUTHORITY TO MAKE REFUNDS.

The above named railway company submitted certain claims to this Commission asking for authority to make a refund under the provisions of sec. 1797—37m, Laws of 1907. It was advised that the only jurisdiction which the Commission had in cases of this nature arises on complaint from the shipper, and not upon application by the railway.

No. 1493.

March 13, 1908.

Chas. H. Nye, Village Clerk, vs. *C., M. & St. P. Ry. Co.*
Viola, Wis.

BRIDGE AS AN OBSTRUCTION TO STREAMS.

The complainant herein alleged that at certain seasons of the year driftwood, rafts and other debris piled up against the pier supporting the railway company's bridge over the Kickapoo river at Viola, causing a dam which flooded the surrounding territory, and asked the Commission to advise whether it had jurisdiction to compel the company to restore the stream to its former state and maintain it so that no injury would result to adjoining property.

Held: 1. The Railroad Commission has jurisdiction in such matters.

2. Section 1836, Statutes of 1898, provides that:

"Every corporation constructing, owning or using a railroad shall restore every stream of water, water-course * * * or canal across, along or upon which such railroad may be constructed, to its former state or to such condition that its usefulness shall not be materially impaired and thereafter maintain the same in such condition against any effects in any manner produced by such railroad."

3. That it is the duty of a railroad company to so construct its road bed across a stream of water in the line thereof, as not to divert the water from its channel to the injury of adjoining lands. *Young v. C. & N. W. Ry. Co.* 28 Wis. 171.

4. That a mandatory injunction will issue in a proper case to enforce the duty prescribed by the statute above cited. *Jamestown v. R. Co.* 69 Wis. 648; *Oshkosh v. R. Co.* 75 Wis. 534; *Oconto v. R. Co.* 44 Wis. 231.

No. 1494.

March 19, 1908.

P. F. Boulay & Bro. Co.
Fond du Lac, Wis.

RATES ON SEED.

The complainant herein asked the Commission for rates on seed grain between Fond du Lac and La Crosse. It was advised that there was no specific rate on grain for seeding purposes that applied between the points named, and that the regular rate on grain is the only one in effect.

No. 1495. March 17, 1908.
Meyers Bros. Lbr. Co. *vs.* *C. & N. W. Ry. Co.*
Evansville, Wis.

CORDWOOD RATES.

Complainant herein asked to be advised concerning rates on cord wood from Hermansville, Michigan, to Evansville, which were furnished.

No. 1496. March 17, 1908.
Ruedebusch & Sterr,
Knoules, Wis.

RATES ON WOVEN WIRE.

The complainant herein asked to be advised as to the rate on woven wire in rolls, from Adrian, Mich., to Knowles, Wis., which was furnished.

No. 1497. March 19, 1908.
Jens Hansen, *vs.* *W. C. Ry. Co.*
Withee, Wis.

LIVE STOCK CLAIMS.

The complainant herein alleged loss of certain live stock, killed on right of way of the above named road.

Complainant was advised that this Commission had no jurisdiction in matters of this kind, further than to investigate and, in its discretion, to report to the legislature.

No. 1498. March 12, 1908.
Ahnapee Veneer & Seating Co., *vs.* *C., St. P., M. & O. Ry. Co.*
Birchwood, Wis.

CLAIMS.

Complainant herein submitted to the Commission certain claims for alleged overcharge on freight on logs, from Winter to Birchwood. The Commission also received a request from the traffic officials of the "Omaha" Ry. Co. for authority to make the refund.

Upon investigation it appeared that the freight moved on regularly published tariffs and was delivered to the consignee

more than six months before the filing of the claim with this Commission.

Held: The only authority which the Commission has for authorizing a refund is under sec. 1797—37m, Laws of 1907, which provides that within six months after the delivery of any shipment of freight at destination, any person aggrieved may complain to the Commission that the charge exacted for the transportation of such freight between points in Wisconsin is unusual or exorbitant, and thereupon the Commission shall have power to investigate such complaint, and to determine what is a reasonable rate, and to authorize the carrier to settle upon the basis of such reasonable rate. The shipment having been made prior to six months before the complaint was made, the Commission had no jurisdiction in the premises.

No. 1499.

March 20, 1908.

*D. W. Britton Cooperage Co., vs. C., M. & St. P. Ry. Co.
Green Bay, Wis.*

CARLOAD MINIMUM.

The complainant herein alleged that the tariffs on logs of the above named railroad company provided for a minimum of 60,000 lbs., and that the company furnishes cars for loading on which they will not permit more than 45,000 or 50,000 lbs. to be placed.

The matter was submitted to the officials of the railway company, who advised the Commission that the tariff was issued with the understanding that 60,000 minimum would be loaded, but that the point raised by the complainant is a good one, and that the tariff will be corrected to provide, that where cars of a less capacity are furnished at the company's convenience, the minimum shall not exceed the capacity of the car.

No. 1500.

March 19, 1908.

*J. B. Gruber & Co., vs. M., St. P. & S. S. M. Ry Co.
Catawba, Wis.*

RATES ON PULP WOOD.

The complainant herein alleged that the joint rates on pulp wood from Catawba to the paper mills were excessive.

Complainant was advised that in a matter of this kind a formal complaint would be necessary.

No. 1501. March 21, 1908.
H. Sorge & Sons, *vs.* *C., M. & St. P. Ry. Co.*
Reedsburg, Wis. *C. & N. W. Ry. Co.*
By James A. Stone, their Attorney.

CLAIMS.

The complaint herein related, in part, to a shipment of butter from Cashton, Wis., to Pittsburg, Pa., which, complainants alleged, had been directed to be routed by way of the Wabash railroad, and which went over the B. & O., resulting in delays and consequent damage to the consignor.

The matter was submitted to the officials of the C., M., & St. P. Ry. Co., who denied that it had received any routing directions. An extended correspondence followed, developing the fact that the complainant had given the proper directions as to routing, which facts were presented to the company, and they advised the Commission that the claim would be allowed.

The facts in the complaint relating to the C. & N. W. Ry. Co. were similar to those above recited, but the latter road promptly settled its claim when it was presented by the Commission.

No. 1502. March 21, 1908.
Joannes Bros. Co., *vs.* *C., M. & St. P. Ry. Co.*
Green Bay, Wis.

RATE ON CANNED VEGETABLES.

The complainant herein alleged that the rate charged by the C., M. & St. P. Ry. Co. for transporting carloads of vegetables from Winneconne, Wis., to Green Bay, was 12½ cts. per 100 lbs., while that company charged a rate on the same commodity from Winneconne to Milwaukee of 10 cts. per 100 lbs., it appearing that Winneconne is a local station on the line of the C., M. & St. P. Ry. Co., running north from Ripon Jct., and that, to reach Green Bay over the rails of that company, it was necessary for the shipment to move by way of Milwaukee.

Complainant contended that the shipment should be delivered to the C. & N. W. Ry. at Ripon, which would reduce the mileage by one-half, which would justify putting Green Bay on the same basis as Milwaukee.

The matter was submitted to the officials of the railway company, who replied that the distance from Winneconne to Mil-

waukee is 104 miles, and from Winneconne to Green Bay, by way of Ripon Junction and the C. & N. W. is 106 miles; that the joint rate should be higher than the through rate, and that the 12½ ct. rate complained of was lower than the reasonable joint rate.

Which statement was submitted to the complainant, and he was advised that it would be necessary to file a formal complaint to dispose of the matter.

No. 1503.

March 24, 1908.

A. D. Stevens,

vs.

W. C. Ry. Co.

Park Falls, Wis.

ALLEGED EXCESSIVE THROUGH RATE.

The complainant herein alleged an excessive through rate charged on a package weighing 25 lbs., shipped from Newark, Ohio, to Park Falls. He also complained that the company had failed to refund the value of a ticket which was purchased and not used within the date specified by the rules of the company.

Complainant was informed that the charge on the shipment from Newark, Ohio, to Park Falls related to interstate commerce and as such is outside of the jurisdiction of the Commission.

The question of the ticket was taken up with the passenger department of the railway company, and its general passenger agent informed the Commission that the refund had been made, and that the reason for the delay was the refusal of the claimant to answer certain questions concerning the ticket.

No. 1504.

March 24, 1908.

George R. Cross,

New Lisbon, Wis.

RATES.

Complaint herein relates to a shipment of two cows and one calf, from North Prairie to New Lisbon, by way of the C., M. & St. P. Ry.

The complainant was advised of the rate in effect between the points in question.

No. 1505.

March 24, 1908.

*L. J. Boucher,**vs.**C. & N. W. Ry. Co.**Marshfield, Wis.*

HIGHWAY CROSSINGS.

The complainant herein alleged that a highway crossing over the tracks of the above named railway company in the town of McMillan, Marathon county, Wis., was made impassable for heavy loads by the high embankment.

The matter was taken up with the officials of the company, and after an extended correspondence assurances were received from the company that the crossing would be improved in a manner satisfactory to the complainant.

No. 1506.

March 24, 1908.

*Frank H. Morse,**vs.**C., M. & St. P. Ry. Co.**Milwaukee, Wis.*

ANNOUNCEMENT OF TRAINS.

Complainant herein alleged that the officials of the above named railway company at Janesville did not properly announce the departure of its trains, nor post signs which would assist the traveling public.

The matter was taken up with the officials of the company, who advised the Commission that orders had been given which would correct the matter complained of, and later the Commission was advised that the cause for complaint had been removed.

No. 1507.

March 24, 1908.

*Onalaska Pickle & Canning Co.,**vs.**C., B. & Q. Ry. Co.**Onalaska, Wis.*

SWITCHING CHARGES.

The complainant herein alleged that the above named railway company charged it 4 cts. per cwt. on commodities switched from its Grand Crossing yard to its factory, a distance of 1½ miles, while it performed the same service for the jobbers and manufacturers in the city of La Crosse, transporting cars or switching cars from Grand Crossing yards to points in La Crosse, at a fixed switching rate of \$2.00 per car.

The matter was submitted to the company and, after an extended correspondence, a rate of 1½ cts. per cwt., with a minimum of \$5.00 per car, was put in effect, which satisfied the demands of the complainant.

No. 1508.

March 21, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATE.

Application for authority to publish, effective immediately, tariffs covering H. W. Wright Lumber Company's logging railroads.

Application approved.

No. 1509.

March 21, 1908.

City of Baraboo, Wis.

HIGHWAY CROSSINGS.

Inquiry whether the Commission had made any orders under the laws of Wisconsin relating to safety devices at the grade crossings of highways and railroads within the limits of an incorporated city, and what are the requirements of a complaint.

Held: That under the provisions of subdivision D, sec. 12, ch. 363, Laws of 1907, this Commission has ordered devices to protect highway crossings which are required to be put in and maintained by the railway companies at their own cost. That sec. 1809, Laws of 1907, provides an additional method of accomplishing the same object.

No. 1510.

March 16, 1908.

C. B. Patton,

Waupun, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint related to the minimum charge on single shipments of freight.

Complainant was advised of the rule in force in the state at the time the complaint was made.

No. 1511.

March 20, 1908.

W. H. H. MacLoon,
Janesville, Wis.

COAL RATES.

The complainant herein requested the Commission to undertake an investigation looking toward the re-adjustment of the coal rates in the state.

He was advised that present engagements of the Commission were of such a nature that a general investigation of the subject could not be undertaken.

No. 1512.

March 11, 1908.

United States Sugar Co., *vs.* *Hillsboro & N. E. Ry. Co.*
Milwaukee, Wis.

RATES.

Complaining that it could not get a tariff sheet showing the rates on sugar beets from Hillsboro to Madison.

The rate in effect between the points in question was furnished to complainant.

No. 1513.

March 25, 1908.

Kewaunee Grain Co.,
Kewaunee, Wis.

INTERSTATE RATES.

Complainant herein alleged that the rate on grain, from Kewaunee to Buffalo, N. Y., is 12 cts. per hundred, from Green Bay to Buffalo it is 14 cts., and from Luxemburg and New Franklin, intermediate points, the rate is 15 cts.

Complainant was informed that the matter complained of related to interstate traffic and should be taken up directly with the interstate commerce commission.

No. 1514.

March 24, 1908.

Village of Schofield, Wis., *vs.* *Wausau Street Railway.*

TRACKS IN STREETS.

The complaint herein was signed by the village president, who stated that a controversy had arisen regarding the location of the tracks of the railway which runs through the streets of the village.

The complainant was advised that the matter was outside of the jurisdiction of the Commission, and that recourse was with the courts.

No. 1515.

March 19, 1908.

R. F. Sulzer,

Minneapolis, Minn.

PASSES.

Inquiring whether the laws of Wisconsin permitted the giving by railways of free passes to missionaries.

Complainant was advised of the provisions of sec. 8, page 362 of the Laws of 1907, in which ministers of the gospel, officers or agents of incorporated colleges, inmates of soldiers homes, and regular agents of charitable societies, when traveling on the business of the society only, are excepted from the anti-pass provisions of the law.

No. 1516.

March 28, 1908.

H. P. Christ,

Wausaukee, Wis.

STOPPAGE IN TRANSIT FOR MANUFACTURER.

Inquiring whether, under the rules of the C., M. & St. P. Ry. Co., he should be given privilege of stopping cars of cedar posts in transit for purpose of sawing, paying 2 cts. per cwt., which privilege agent at Wausaukee, C., M. & St. P. Ry., had denied complainant.

The Commission investigated the tariff on file and supplied complainant with the information he desired.

No. 1517.

March 19, 1908.

Rock County Concrete Stone Co.,

Janesville, Wis.

CLAIMS.

Complainant alleged that it had been overcharged on a shipment of cement blocks from Janesville to Brooklyn.

The matter was taken up with the officials of the company and, after some correspondence, the claim was allowed, which satisfied the complainant.

No. 1519.

March 26, 1908.

Joseph L. Mayer,
Boyd, Wis.

RATES.

Complaining that the rates on cord wood, from Boyd to Chicago, have been raised.

He was informed that the matter complained of related to interstate commerce and as such was outside of the jurisdiction of the Commission.

No. 1520.

March 30, 1908.

Frank Moreth, *vs.*
Lewiston, Wis.

C. & N. W. Ry. Co.

ALLEGED FAILURE TO STOP TRAIN.

The complainant herein alleged that the passenger train No. 66 of the above named railroad refused to stop on being flagged at Lewiston station on a certain date.

The matter was submitted to the officials of the railway company, who advised the Commission that instructions had been given to their trainmen to stop upon being flagged at that station, and that the engineer and fireman denied that they were flagged on the day in question. See *Guildner v. C., M. & St. P. Ry. Co.* 1 W. R. C. R. 102; *Grossman v. C., M. & St. P. Ry. Co.* 1 W. R. C. R. 254.

No. 1521.

March 31, 1908.

International Salt Co., *vs.*
9 Jackson Boulevard, Chicago, Ill.

C. & N. W. Ry. Co.

CLAIMS.

The complainant herein filed a claim which accrued in August, 1902, against the above named railway company.

It was informed that the claim, having originated before the Commission was organized, was outside of its jurisdiction.

No. 1522.

March 31, 1908.

*H. J. Fuhrman,**Fall Creek, Wis.*

CLAIMS.

Inquiring whether, after a given statement of facts, a railroad company would be liable in a suit for damages.

He was informed that it was a matter about which the Commission could not express an opinion.

No. 1523.

March 31, 1908.

*Rob Schreiber,**vs.**C. & N. W. Ry. Co.**Lindhurst, Wis.*

CLAIMS.

The complaint herein related to a shipment of tan-bark from Lindhurst to Sheboygan.

An investigation of the tariffs on file in this office indicated that the company had overcharged complainant and the matter was taken up with the officials, who stated that there had been an overcharge, and an adjustment was accordingly made which was satisfactory to complainant.

No. 1524.

April 1, 1908.

*G. S. Bohan et al.,**vs.**W. C. Ry. Co.**540-35th St., Milwaukee, Wis.**C. & N. W. Ry. Co.*

Complaint herein alleged failure of trains of the Wisconsin Central Railway Co. and the Chicago & North Western Railway Co. to make connections at Medina Jct.

The matter was submitted to the officials of the said railways, who advised the Commission that in the future every effort would be made to make said connection, and that said connection would undoubtedly be made four-fifths of the time. The reply satisfied the complainants.

No. 1525.

July 19, 1907.

*Green Bay Traction Company,**Green Bay, Wis.*

ANTI-PASS LAW.

The president of the company asked the Commission for a ruling, whether or not a franchise, providing that certain city

officials shall be carried free, amounts to a contract, and whether the carrying of such officials free under such franchise is in violation of the Wisconsin Anti-pass Law.

The matter was submitted to the attorney general for his opinion, which he submitted, holding that the "provisions in such franchise, providing that certain city officials shall be carried free, is in violation of the anti-pass laws of the state." See Biennial Report and Opinions of the Attorney General for 1908, p. 808.

No. 1526.

April 3, 1908.

Chicago, Milwaukee & St. Paul Ry. Co.

EMERGENCY RATES.

Application for authority to put into effect immediately tariff on boxes, 5 cts. over lumber rate, Green Bay to Barron and Rice Lake, via "Soo" line, from Pembine.

Application approved.

No. 1527.

April 26, 1908.

Joseph Meives,

Sheboygan, Wis.

ALLEGED OVERCHARGE.

The complainant herein alleged that the conductor on the Sheboygan-Plymouth interurban line collected an 8 ct. fare for a distance of $2\frac{1}{2}$ miles, and inquiring whether it was a violation of the Two-cent Fare Law.

Held: That the law in question does not apply to railroads the gross earnings of which are less than \$3,500 per mile, and that the reports on file in this office show that such road is not earning that amount per mile.

No. 1528.

March 31, 1908.

W. F. Stark. *vs.*

C. & N. W. Ry. Co.

Milwaukee, Wis.

CLAIMS.

The complainant herein submitted to the Commission certain claim papers relating to a shipment of grain over the C. & N. W. Ry. from Adams, Neb., to Oshkosh, which was charged at the rate of $14\frac{3}{4}$ cts. per hundred, while the C., M. & St. P.

Ry. Co. had in effect a rate between the same points of 11 cts. per hundred. Complainant was advised that the matter was outside the jurisdiction of the Commission, and that since the controversy had arisen, the C. & N. W. Ry. Co. had reduced its rate to meet the rate made by the C., M. & St. P. Ry. Co.

No. 1529.		April 2, 1908.
<i>J. W. Pond,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Unity, Wis.</i>		

ALLEGED REFUSAL TO CALL TRAINS.

Complainant herein alleged that the agent of the above named railway company at Unity had refused to give the public any information relating to train service.

The matter was referred to the officials of the company, and its general superintendent stated that he would give instructions to the agent which would remove the difficulty.

No. 1530.		
<i>Wilbur Stock Food Co.,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>

Formal complaint filed. See *F. P. Wilbur v. C., M. & St. P. R. Co.*, p. 134.

No. 1531.	April 8, 1908.
<i>C. J. Dogenhart,</i>	
<i>Blue Mounds, Wis.</i>	

TELEGRAPH SERVICE.

The complainant herein is the secretary of an association of business men at the above named village, and complained that the telegraph service at that village had been discontinued.

Complainant was advised that any complaint he would have to make must be directed against the Western Union Telegraph Co., and the matter was taken up with the superintendent of that company, who advised the Commission that arrangements had been made by which telegrams for Blue Mounds are received at Mount Horeb and transferred from there to destination by telephone.

No. 1532. April 8, 1908.
J. H. Hoyt, vs. *C., M. & St. P. Ry. Co.*
Fall River, Wis.

ALLEGED VIOLATION OF CONTRACT.

Complainant herein alleged that the C., M. & St. P. Ry. Co. crosses his farm and that, when the said road was constructed, he was given a contract, by which the company agreed to keep a farm crossing for him wherever he might choose, and that the company now refused to comply with such requests, and asked the Commission what his recourse is.

He was advised that he should appeal to the courts, but the matter was taken up with the company, who denied that the Commission had any jurisdiction in the matter and complainant was so advised.

No. 1533. March 28, 1908.
Thomas Moulding Co., vs. *C., M. & St. P. Ry. Co.*
Watertown, Wis. *C. & N. W. Ry. Co.*

INTERSTATE RATES.

The complaint herein related to the rates on vitrified brick between Chicago and Watertown. It appeared that the city of Watertown was about to lay some vitrified brick paving, and finding the rates on such brick to be in excess of the rate on common brick, the Commission was asked to file a complaint with the interstate commerce commission, to the effect that the rates were excessive. The attorney for the complainant was informed that the action should be begun by the city itself, but that the Commission would take the matter up with the officials informally. Before the officials of the railway companies were heard from, the Commission received a letter from Jos. E. Davies, attorney for the petitioner, asking to have the complaint withdrawn.

No. 1534.
Colin W. Wright,
Monroe, Wis.

MOTOR CARS ON RAILWAYS.

The complaint herein related to the question of the motor car installed by the I. C. R. R. Co. Formal complaint relating to the same question was made. See page 119 (*Colin W. Wright v. I. C. R. R. Co., 2 W. R. C. R. 279.*)

No. 1535.

April 13, 1908.

Marquette and Adams County Tel. Co. vs. *W. C. Ry. Co.*
Oxford, Wis.

TELEPHONE SERVICE.

Complaining that the above named railway company refused to install telephones in its stations at Packwaukee and Endeavor. Complainant was advised of the passage of ch. 614, Laws of 1907, under which the Commission is given jurisdiction to order telephone service installed in railway stations.

No. 1536.

April 7, 1908.

Chicago Lumber & Coal Co. vs. *C., St. P., M. & O. Ry. Co.*
Chicago, Ill.

IMPROPER ROUTING.

In the above entitled matter the complainant shipped a car-load of lumber from Couderay to Burlington, without giving billing directions. There was in effect a rate from Couderay of 12 cts. to Racine, and a rate of 4 cts. from Racine to Burlington, making a through rate of 16 cts. Instead of billing it in that way, it was billed by way of Madison, making a through rate of 20½ cts., and information was asked whether a refund could be made.

Held: Under the decision of the Commission *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, in absence of billing directions by the consignor, it becomes the duty of the carrier to bill it by the route offering the lowest rate.

No. 1537.

April 10, 1908.

Cunningham & Adair,
Janesville, Wis.

RATES ON JUNK.

The complaint herein related to the rates charged on junk between Janesville and Chicago, and between Janesville and Milwaukee.

The complaint seems to have arisen from a misunderstanding of the tariff, which was explained.

No. 1538.

April 10, 1908.

*Cargill Coal Co.,**Green Bay, Wis.*

SWITCHING CHARGE.

The complaint related to a charge made for the switching of cars of coal from the coal company's docks, in Green Bay, to the Y-tracks of the C. & N. W. Ry. Co. and the C., M. & St. P. Ry. Co. Complainant alleged that the charge made was excessive, and the Commission was asked to express an opinion as to what would be a reasonable charge.

Held: The rate of \$1.00 per car for the service performed is a reasonable charge, which the company acceded to.

No. 1539.

April 7, 1908.

*F. Hurlburt,**Green Bay, Wis.*

CLAIMS.

The complaint herein related to an alleged overcharge on a carload of hay, shipped from Denmark, Wis., to Birmingham, Ala., on which a charge of 40½ cts. per cwt. had been made.

An examination of the tariffs on file in the department showed the rate charged to have been correct.

No 1540.

April 7, 1908.

*W. I. Durham Lumber Co.,**Wautoma, Wis.*

ALLEGED OVERCHARGE.

The complaint herein related to an alleged under-payment on a shipment of lumber from Wautoma to Coloma, for which complainant was presented with a bill at the rate of 9 cts. per cwt., and after paying the 9 cts. per cwt. he was presented with an additional bill at the rate of 8 cts. per cwt. The tariffs on file in this office indicated that there was no joint tariff in existence naming a through rate between Wautoma and Caloma, and the lowest rate on which the shipment could move was 9 cts. from Wautoma to Grand Rapids, and 8 cts. from Grand Rapids to Caloma, and complainant was so informed.

No. 1541.

Upham-Russell Co., vs. C., St. P., M. & O. Ry. Co.

Formal complaint filed. See page 141.

No. 1542.

April 16, 1908.

H. F. Rosenow,

Oconomowoc, Wis.

OVERCHARGE.

The complainant herein alleged that he shipped a carload of lumber from the Union Stock Yards, Chicago, to Oconomowoc, on which he was charged an excessive freight rate.

Held: The rate charged was correct, except as to a terminal charge of \$2.00, which the railway company should refund.

No. 1543.

April 15, 1908.

Racine Lumber Manufacturing Co. vs.

Racine, Wis. C., St. P., M. & O. Ry. Co.

WRONG ROUTING.

The complaint herein related to a shipment of lumber from Eagle Point to Randolph, Wis., on which no billing directions were given by the consignor, and the agent of the railway company billed it over one route carrying a higher rate than it would have had had it been billed over another.

Held: That in the absence of billing directions, it is the duty of the railway company to bill the car by the route offering the lowest rate. (See *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300.)

No. 1544.

April 13, 1908.

Wisconsin State Board of Control vs. C., M. & St. P. Ry. Co.

RATES ON GRANITE.

The complaint herein related to the freight on three carloads of granite, shipped from a point on the line of the above named railway to Green Bay.

Held: That the charges were correctly assessed, according to the tariffs on file in this office.

No. 1545.

April 17, 1908.

John Hoffman & Sons Co.
Milwaukee, Wis.

vs. *W. C. Ry. Co.*

CLAIMS.

The complaint herein related to a shipment of cigars from Milwaukee to Reedfield, Wis. Reedfield is a station on the road at which no agent is maintained, and the shipment seems to have moved on a bill of lading in which the Company was released from loss or damage after the goods were delivered at the station.

Held: That the matter is one relating to a claim, and as such is outside the jurisdiction of the Commission.

No 1546.

April 17, 1908.

C. L. Long & Son,
Sun Prairie, Wis.

vs. *C., M. & St. P. Ry. Co.*

ALLEGED OVERCHARGE.

The complaint herein related to a charge made by the above named railway company on a shipment of merchandise from Chicago to Sun Prairie. The shipment related to interstate commerce, and as such was outside the jurisdiction of the Commission, but the charges were investigated and found to have been in accordance with the tariff rate on file in this department.

No. 1547.

April 17, 1908.

Girard Lumber Co.,
Dunbar, Wis.

vs. *C., M. & St. P. Ry. Co.*

ALLEGED OVERCHARGE.

The complaint herein related to an alleged overcharge on two carloads of lumber, shipped from Dunbar to Juda and Avalon.

Held: That the matter is one over which this Commission has no jurisdiction and appeal should be made to the courts.

No. 1548.

April 13, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

WRONG ROUTING.

The railway company applied to this Commission for authority to make a refund on a portion of the amount charged on a shipment of 912 lbs. of Hercules powder, by the E. A. Dupont-

Demeours Powder Co., from Barksdale to Loyal, on May 26, 1906. It appeared that the routing directions were not given and the shipment moved by one route carrying a higher rate than it would have been charged if it had moved over another route.

Applicant was referred to the decision *in re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, holding that, when routing directions were not given, it was the duty of the carrier to transport the consignment over the route offering the lowest rate.

No. 1549.

April 20, 1908.

Puffer-Hubbard Manufacturing Co. vs. C., St. P., M. & O. Ry. Minneapolis, Minn. Co.

CLAIM FOR ALLEGED OVERCHARGE.

The complaint herein related to a shipment of logs and bolts from Hatches Spur to Holcombe, relating to which the complainant alleged that the officials of the railway company had promised it, that a rate of \$5.00 per car on bolts, and \$6.00 per car on logs would be maintained, but that, when the tariff was put into effect, Hatches Spur, by an error, was omitted from the list of stations to which the rate applied. During the month of April, 1907, a large number of cars of logs and bolts were shipped and were assessed at the rate of 3.3 cts. per cwt., which was in excess of the rate at \$5.00 per car on bolts and \$6.00 per car on logs, and complainant asked that the railway company be permitted to refund the amount of the overcharge.

Held: The claim not having been filed with this office within six months, under the provisions of sec. 1797—37m, Laws of 1907, this Commission has no jurisdiction to authorize a refund.

No. 1550.

April 22, 1908.

Minneapolis, St. Paul, & Sault Ste. Marie Ry. Co.

EMERGENCY TARIFF.

Application for authority to publish, effective immediately, a rate of \$3.00 per car on forest products, from points on the Knox Mills branch to Brandtwood.

Application approved.

No. 1551.

April 21, 1908.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

REFUNDS.

In the above entitled matter the railway company advised the Commission that a tariff was published to take effect Feb. 15. That from Feb. 8 to 14, inclusive, certain shipments were made by shippers believing the rate to be in effect, and authority was asked to accept the freight on the basis of the tariff in question.

Held: The only remedy which the statute offers is sec. 1797—37m. Laws of 1907, which will require the shipper to pay the rate in full, and then file a complaint with this Commission, alleging that the charges were excessive and unreasonable.

No. 1552.

In re Wisconsin Central Ry. Co.

Formal complaint filed *in re Trostel Brothers v. W. C. Ry. Co.* See page 136.

No. 1553.

April 15, 1908.

C. J. Hughm, vs. *Clintonville, Wis.*

C. & N. W. Ry. Co.

ALLEGED EXCESSIVE RATES.

The complainant herein alleged that the above named railway company charges a rate on hard coal of \$1.30 per ton from Green Bay to Clintonville. That Clintonville is sixteen miles from Shawano, and that the rate charged by the same company from Green Bay to Shawano is 75 cts. per ton. That the railroad company charges an excessive rate on lime between Black Creek and Clintonville.

The matter was submitted to the officials of the railway company, who replied that, by an error in the tariff, the rate on hard coal from Green Bay to Shawano was fixed at 75 cts. per ton, when it should have been \$1.00 per ton. That the rates on lime, from Black Creek to Clintonville, are joint rates, and that an effort would be made to have the Green Bay & Western consent to a rate of 7 cts. instead of 10 cts., as now charged.

No. 1554.

April 20, 1908.

Wisconsin Central Ry. Co.

EMERGENCY RATES.

Application for authority to put into immediate effect a rate of 7½ cts per 100 lbs. on lumber, carloads, from Crandon to Wausau.

Application approved.

No. 1555.

April 22, 1908.

D. T. Gilman,

vs.

*C. & N. W. Ry. Co.**Plymouth, Wis.*

CLAIMS.

Complainant herein alleged the loss of a tool chest from the station at Plymouth.

The matter was submitted to the officials of the railway company, who promptly paid the claim.

No. 1556.

April 23, 1908.

Kiel Wooden Ware Co.,

vs.

*C., M. & St. P. Ry. Co.**Kiel, Wis.*

CLAIMS.

Complainant alleged that it shipped certain logs from points in northern Wisconsin and Michigan over the line of the above named railway to Kiel, and that in August, 1907, the tariff had been changed, increasing the rate. That no copy of this tariff had been filed in the local office at Kiel, and that the company insists that it pay the amount of undercharge on shipments from the time the alleged tariff took effect, and contended that the rate did not come into effect until ten days after the tariff had been filed in the office of the company at Kiel.

The matter was taken up informally with the officials of the company, who informed the Commission that it would settle the claim if complainant would file same.

No. 1557.

April 25, 1908.

G. A. Woodward,

vs.

*C., M. & St. P. Ry. Co.**Delavan, Wis.*

FAILURE OF CONNECTIONS.

The complainant herein alleged that he purchased a ticket

at Delavan to Portage, on a train leaving Delavan at 5:40 p. m., and was advised by the agent that the train would make connections at Bardwell. That when he reached Bardwell the train had gone, and he was compelled to wait sixteen hours before he could proceed.

The matter was taken up with the officials of the railway company, who stated that the train from Delavan was 40 minutes late, and as the train going toward Portage had important connections to make, the train dispatcher allowed it to proceed without waiting for the Bardwell connection. The agent at Delavan denied having assured complainant that the connection would be made at Bardwell.

No. 1558.

April 27, 1908.

W. L. Jaffe,

vs.

C., M. & St. P. Ry. Co.

Milwaukee, Wis.

LIGHT ON TRAIN.

Complaint herein was to the effect that the smoking room on passenger train, leaving Madison at 5:55 p. m. for Milwaukee, was insufficiently lighted.

The matter was referred to the officials of the railway company, who advised that the cars complained of had been replaced with other cars with more and better light.

No. 1559.

April 23, 1908.

Standard Lime & Stone Co.,

vs.

C., M. & St. P. Ry. Co.

Fond du Lac, Wis.

CLAIMS.

The complainant herein alleged an overcharge on a shipment of lime, from Fond du Lac to Knowles.

The amount charged was investigated, and it was found that it was based upon the regular published tariff rates. The complainant was advised of the provisions of sec. 1797—37m, giving this Commission authority to order a refund in certain cases.

No. 1560.

April 23, 1908.

The Standard Lime & Stone Co., vs. C., M. & St. P. Ry. Co.
Fond du Lac, Wis.

RATES ON LIME.

The above entitled matter related to a claim for an alleged overcharge on a car of lime shipped from Knowles over the line of the above named railway company to Fond du Lac, and from Fond du Lac, by way of the C. & N. W. Ry. Co. and the C., St. P., M. & O. Ry. Co., to Osseo, on which a rate of 18 cts. per cwt. was charged.

The tariffs on file in this office indicated that the rate which should have been charged was 16½ cts. per cwt., and complainant was so advised.

No. 1561.

Chippewa Lumber & Boom Co., vs. C., St. P., M. & O. Ry. Co.

Formal complaint filed. See page 136.

No. 1562.

May 1, 1908.

Thos. G. Alvord et al., vs. U. S. Express Co.,
Superior, Wis. Northern Express Co.

EXPRESS FREE DELIVERY LIMITS.

The complainant and a large number of other persons alleged that the free delivery limits of the city of Superior did not include the district around station A of that city, and that the territory should be included. The matter was informally taken up with the officials of the companies, but no assurances were received from them to the effect that the free delivery limits would be enlarged. Consequently blanks were sent to each of the petitioners, and it was suggested that a formal complaint would give this Commission jurisdiction over the matter, but no formal complaint being received, the matter is closed.

No. 1563.

April 25, 1908.

Sterr & Koch, vs. C., M. & St. P. Ry. Co.
Knowles, Wis.

CLAIMS.

The complainant shipped a carload of potatoes from Knowles to Chicago, on which it is alleged there was an undercharge of

\$1.08 for freight. Complainant had settled with consignee and asked the opinion of the Commission concerning the matter.

There was not sufficient information furnished to warrant an expression of opinion and further facts were asked for but not received.

No. 1564.		April 27, 1908.
<i>John Week Lumber Co.</i>	<i>vs.</i>	<i>G. B. & W. R. R. Co.</i>
<i>Stevens Point, Wis.</i>		<i>C. & N. W. Ry. Co.</i>

RATES ON LUMBER.

Complaint herein alleged that the above named railway companies were charging a rate of 10 cts. per cwt. on lumber from Stevens Point to Chicago, while the rate to Evanston and Winetka, intermediate stations on the same line, was 11 cts.

An examination of the tariffs on file in this office showed that the regular tariff rate to Chicago to Evanston and Winetka was 10 cts. per cwt.

No. 1565.		May 1, 1908.
<i>Mondovi Advancement Association,</i>		
<i>Mondovi, Wis.</i>		

RATES ON CORN.

The complaint alleged that the rate on corn from corn-producing territory in the west to Mondovi was in excess of the rate from those points to Eau Claire. Complainant was advised that, while the files of interstate commerce tariffs in this office are not complete, the indications are that the rates to Mondovi are the same as to Eau Claire.

No. 1566.		April 28, 1908.
<i>Isaacson & Newald,</i>		
<i>Newald, Wis.</i>		

RATES ON LUMBER.

The complainants herein alleged that the rate on lumber, from Newald to Gillett, was 9½ cts., while the rate from Newald to St. Paul and Minneapolis was 10 cts., and the distance much greater. The tariffs on file in this office indicated that the rate from Newald to Gillett was 9 cts. instead of 9½ cts., and complainant was so advised.

No. 1567.

April 29, 1908.

Northwestern Freight Adjustment Co., vs. G. B. & W. R. R. Co.
Oshkosh, Wis. C. & N. W. Ry. Co.

RATES.

Inquiring whether tariff showing fifth class rate of 11 cts., between Sheboygan and Stevens Point by way of New London and Green Bay & Western R. R. Co., and also supplement No. 11 to the same tariff covering long and short haul, would not reasonably cover the rates on vinegar from Plymouth to Stevens Point, by way of the said roads.

Held: The Sheboygan rate applies by way of Manitowoc and New London, the shortest route, and Plymouth would not be intermediate.

No. 1568.

April 29, 1908.

John Bushey, vs. C. & N. W. Ry. Co.
Hackley, Wis.

CLAIMS.

Complainant alleged that certain goods consigned to him at Hackley had been lost at the hands of the railway company. The matter was taken up with the officers of the railway company, who stated that if complainant would furnish an itemized bill of his claim and copy of the original receipt for the shipments, the matter would be promptly adjusted.

No. 1569.

April 30, 1908.

City of Menasha, vs. C., M. & St. P. Ry. Co.
C. & N. W. Ry. Co.

ALLEGED DANGEROUS CROSSINGS.

Officials of the above named city addressed Hon. J. O. Davidson, governor, complaining that in the city of Menasha eight streets cross the tracks of the above named railways at grade; that but two of these streets are supplied with flagmen, and that there are six crossings wholly unprotected, and that within the past few years a number of persons have been killed thereon, and asking the assistance of the state to compel the railway companies to maintain crossing gates or watchmen at these crossings.

Held: That subdivision d, sec. 12, ch. 362, Laws of 1905,

as amended, provides, in effect, that whenever a complaint is lodged with the Railroad Commission by the common council of any city, to the effect that a public highway and a railway cross one another in such city at the same level and that such grade crossing is unsafe and dangerous to travelers, it shall be the duty of the Commission to give notice to the railroad company in interest and furnish the company with a copy of the complaint and order a hearing thereon; if on such hearing it shall appear, to the satisfaction of the Commission, that the crossing is unsafe and dangerous to human life, the Commission may order the company to erect gates at the crossing or station a flagman there, or order such other suitable device as it shall determine the better security of human life and the public travel requires, and the railroad company is compelled to comply with the order.

Copies of the blanks were furnished complainant, but no formal complaint was filed. See *City of La Crosse v. C., M. & St. P. Ry. Co. et al.*, informal case No. 1400.

No. 1570.

April 30, 1908.

L. E. Lum,

vs.

American Express Co.

Superior, Wis.

ALLEGED OVERCHARGE.

Complaint herein related to a charge for transporting two canoes from Duluth, Minn., to Solon Springs, Wis.

Complainant was advised that the matter related to interstate commerce, and as such was outside the jurisdiction of the Commission.

No. 1571.

May, 2, 1908.

J. J. McGillivray,

vs.

C., St. P., M. & O. Ry. Co.

Black River Falls, Wis.

ALLEGED VIOLATION OF CONTRACTS.

The complainant, mayor of Black River Falls, Wis., alleged that the C., St. P., M. & O. Ry. Co. has constructed a cut-off, by which Black River Falls is left off the main line of the railway, a distance of some miles, and that the railway com-

pany is conducting the main business of its road over the line of the cut-off, and that when the present railroad, known as the C., St. P., M. & O. Ry., was constructed through Jackson county, the county contributed bonds to the amount of \$50,000, and that he was informed and believed that the company entered into a stipulation that the route should be at no time changed, and asked for an opinion of the Commission as to the law bearing thereon. The matter was submitted to the officials of the company, who stated that they had no record of any such contract having been made; that the present owners of the road had no connection with or interest in it at the time the contract is alleged to have been made.

From the investigation it appears, that while the Commission does not know the date on which the alleged contract was made, it is probable that the provisions of the Statutes of 1878 were in effect at the time. Sec. 945 of said statutes provides that such contract, or written proposition, shall be filed with the county, town or village clerk, and transcribed in the proper record, and if such contract was made, it should be on file in that place; that the original road was the Tomah and Lake St. Croix, incorporated under ch. 243, Private and Local Laws of 1863. That sec. 5 of said chapter provides that the company shall, "locate, construct, * * * alter, change the location of, reconstruct, * * * and operate a railroad * * * out of the town of Tomah, by way of Black River Falls * * * to Lake St. Croix." That on Aug. 23, 1867, the name of the company was changed to the West Wisconsin Railway Company. and on May 2, 1878, it was deeded to the Chicago, St. Paul & Minneapolis Railway Company; that on May 25, 1880, it was consolidated with the Northern Wisconsin Railway Company, under the name of the Chicago, St. Paul, Minneapolis & Omaha Railway Company; that it is probable a construction could be placed upon sec. 5, compelling the company to construct its line through Black River Falls. This having been done, and there being no provision indicating what train service Black River Falls should receive, the construction and operation of the cut-off is within the rights of the company.

No. 1572.

April 30, 1908.

Shirley Roman,

vs.

*C., M. & St. P. Ry. Co.**Oxford, Wis.*

ALLEGED OVERCHARGE.

Complainant herein alleged that he had shipped a carload of emigrant movables from Shaffton, Iowa, to Kilbourn, Wis., that he had prepaid the freight, \$26.20, had been called upon at Kilbourn to pay an additional \$7.34, and had paid it, and was subsequently presented with a third bill for \$12.54, which he declined to pay, believing that he had paid the freight in full twice before. Upon investigation it appeared that the charge aggregating \$33.54 was correct according to the published rates, but that the agent at point of consignment had quoted an erroneous rate, for which the company could not be held. The reason for the subsequent bill for \$12.54 was not clear, and complainant was asked to furnish additional information which he might obtain from the agent.

No. 1573.

May 2, 1908.

*Aluminum Manufacturing Co.,**Two Rivers, Wis.*

ALLEGED OVERCHARGE.

Complainant herein alleged that it had received an empty storage tank for oil, weight about 6,000 lbs., billed at 24,000 and rate 17½ cts., the charge being \$42.00. This charge, complainant submitted, was excessive. The shipment moved from Whiting, Ind., to Two Rivers, Wis. Such information as the Commission could furnish with the data at hand was supplied to the complainant, and request was made for additional and more exact description of the tank, so that complete investigation might be made.

No. 1574.

May 2, 1908.

*United States Sugar Company,**Milwaukee, Wis.*

RATES.

Asking whether there is any joint tariff on shipments of sugar beets from Cambridge to Madison.

Complainant was advised that there was no joint rate in ef-

feet, the rate being made up from two local rates, one from Cambridge to London, and one from London to Madison.

No. 1575.
Britton Cooperage Co., vs. *C., M. & St. P. Ry. Co.*
Formal complaint filed.

No. 1576. May 6, 1908.
Pick Brothers Co.
West Bend, Wis.

RATES.

Asking for a tabulation showing the freight charges on vinegar in earloads between Milwaukee, Cedarburg, Port Washington and Schleisingsville, and on goods in less than earloads between Chicago and the same stations.

Tabulation was prepared and furnished to complainant.

No. 1577. May 6, 1908.
J. B. Ryan,
Milwaukee, Wis.

YARD LIMITS.

The complainant herein asked to be advised what constituted yard limits within the meaning of sec. 109h, page 402, Laws of 1907.

Complainant was advised that the question of yard limits was discussed at length in *Oscola Mills & Elevator Co. v. M., St. P. & S. S. M. R. Co.* 1 W. R. C. R. 204 and 608.

No. 1578. May 6, 1908.
J. J. Reardon, vs. *M., St. P. & S. S. M. Ry. Co.*
Rhineland, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

The complaint herein related to the minimum charge on single shipments of freight, between St. Paul and points on the above named railway's line.

The complainant was advised that the matter was outside of the jurisdiction of this Commission, and that a rule of the com-

pany provided for a minimum based upon a charge on 100 lbs. of the class of commodity rate to which the shipment belongs, and in no case less than 25 cts.

No. 1579.		May 6, 1908.
<i>Lindsey Brothers,</i>	<i>vs.</i>	<i>C. & N. W. Ry. Co.,</i>
<i>Milwaukee, Wis.</i>		<i>G. B. & W. R. R. Co.</i>

CLAIMS.

The above entitled matter related to a claim for an overcharge for a carload shipment of binding twine, from Milwaukee to Arcadia.

The shipment having been made before this Commission was organized, it was consequently outside of its jurisdiction, and as it involved a question of its classification, no informal opinion on the subject could be expressed.

No. 1580.		May 9, 1908.
<i>W. G. Knox,</i>	<i>vs.</i>	<i>C., St. P., M. & O. Ry. Co.</i>
<i>Lancaster, Wis.</i>		

INTERSTATE SHIPMENTS.

The above entitled matter related to the shipment of a carload of machinery from Charles City, Iowa, to Dickinson, N. D.

The matter was outside of the jurisdiction of this Commission and complainant was so advised.

No. 1581.		May 6, 1908.
<i>J. A. Richards,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>Durand, Wis.</i>		

RATES.

Complaining that the rates to Durand are higher than to Eau Claire, citing those on coal and lime.

Complainant was advised that the rates on coal from Durand and Eau Claire were the same. See *Noble v. S., St. P., M. & O. Ry. Co.* 1 W. R. C. R. 767, decided July 31, 1907, in which the rate on coal from Superior to Eau Claire was reduced.

No. 1582.

May 9, 1908.

*Standard Mercantile Co.,
Tomahawk, Wis.*

RATES.

Complaining that the rate on shoes from Endicott, N. Y., to Tomahawk is 95 cts. per cwt., while the rate from Tomahawk to Endicott is \$1.20 per cwt.

Complainant was advised that the rates in question were correct according to the tariffs on file in this office. That from Endicott to Tomahawk there is a through rate, while there is no through rate in the opposite direction, the rate being made up of the sum of local rates, and consequently is higher.

No. 1583.

May 11, 1908.

Green Bay Specialty Co., *vs.* *C. & N. W. Ry. Co.*
Green Bay, Wis.

CLAIMS.

Complainant alleged that a commercial traveler in its employ, although arriving at the railway station 15 minutes before the train left, was unable to have his baggage checked, whereby the complainant suffered a financial loss. The matter was referred to the officials of the company who replied that, while admitting the facts and the possible negligence of their agent, they denied that there was any damage, for the baggage reached its destination early enough so that no damage resulted.

The complainant was informed that this Commission had no jurisdiction to compel companies to reimburse it for its loss.

No. 1584.

May 9, 1908.

*G. H. Benkendorf,
Madison, Wis.*

RATES.

Complainant asked to be advised as to the correct rate on cream from Verona to Madison.

The matter was investigated and he was informed that the rate was 15 cts. per 15-gallon can.

No. 1585.

Frederick L. Gross, *vs.* *C., M. & St. P. Ry. Co.*

Formal complaint filed.

No. 1586. May 9, 1908.
F. R. Pollard, vs. *W. C. Ry. Co.*
Marshfield, Wis.

LUMBER RATES.

Complaining of the regulations of the above named railway company governing assessment of charges on lumber shipped subject to stoppage in transit for milling, by which the full amount of two locals is charged and a refund of 1 ct. per cwt. allowed, resulting in alleged unreasonable delays in making the refund.

Held: That the matter complained of is under the jurisdiction of the Commission, and advising that a formal complaint would be required to give the Commission jurisdiction.

No. 1587.
New Richmond Roller Mills Co. vs. *C., St. P., M. & O. Ry. Co.*
Formal complaint filed. See page 140.

No. 1588. May 11, 1908.
Hickey Brothers, vs. *C. & N. W. Ry. Co.*
Reedsburg, Wis.

TRANSPORTATION WITH LIVE STOCK.

Complainants allege that they shipped five cars of stock, three to Cudahy and two to Chicago, and were entitled to a pass for the attendant in charge. That the freight train carrying the stock left nine minutes in advance of schedule time, and complainant was compelled to pay fare on a passenger train and was not given a return pass. Asking for the rule governing.

Held: The tariffs on file in this office authorize free transportation to attendants of live stock, reading as follows:

"The intent of the above rule is that parties to whom transportation is furnished shall accompany the live stock. It will not be permissible to transport such on passenger trains either ahead of or behind the live stock."

Other facts were asked for, but not furnished by complainant.

No. 1589. May 14, 1908.
W. H. Briggs, vs. *C. & N. W. Ry. Co.*
Glenbeulah, Wis.

CLAIMS.

The complainant herein alleged a shipment of household goods

from Sioux City, Iowa, to Glenbeulah, Wis., over the line of the above named railroad, which shipment was released, and the carrier's liability was limited to \$5 per 100 lbs. in case of loss or damage, and was receipted for, but the charges were assessed without reference to the release. Complaint was filed and declined by the company.

The matter was referred informally to the proper officials of the railway company, together with a statement of the Commission's deduction from the tariffs on file in this office, and in reply the Commission was informed that the shipment was properly released and the complainant was entitled to the amount of his claim.

No. 1590.

Charles Shong & Son, vs. Stanley, Merrill & Phillips Ry. Co.

Formal complaint filed. See p. 98.

No. 1591.

*C. D. Clark Lumber Co.,
Merrill, Wis.*

vs.

May 6, 1908.

W. C. Ry. Co.

RATES ON BARK.

The complainant alleged overcharges on shipments of a number of cars of bark, from certain points on the Gleason branch of the above named railway to Kenosha.

The matter was investigated and complainant was advised, that the tariff on which it based its claim was cancelled before the shipments in question were made.

No. 1592.

Erland Elbertson,

vs.

C., M. & St. P. Ry. Co.

Formal complaint filed. See p. 138.

No. 1593.

*Davis Brothers Cheese Co.,
Plymouth, Wis.*

vs.

*C. & N. W. Ry. Co.,
C., M. & St. P. Ry. Co.*

CHEESE CONCENTRATION RATES.

Complaining that the new classification of the above named railway companies on concentration of cheese to Plymouth is

based on mileage, and that this results in an advance of the rates on cheese.

Complainant was advised that a formal complaint would be necessary, but the matter was taken up with the traffic officials of the C. & N. W. Ry. Co., who advised the Commission that it had not canceled its concentration rates on cheese, but had issued, effective June 1, a tariff which had the effect of establishing a general rate throughout the state, on a basis of the rates fixed by the Commission in its order in *re Southern Wisconsin Cheese Men's Association v. C., St. P., M. & O. Ry. Co. et al.* 1 W. R. C. R. 143.

No. 1594.

May 16, 1908.

Standard Lime & Stone Co., vs. C., St. P. M. & O. Ry. Co.
Fond du Lac, Wis.

CLAIMS.

The complainant, by its attorney, Western Freight Adjustment Co., filed with this Commission claim papers relating to a shipment of lime and cement from Oakfield to Howard, claiming that the shipment should have moved on a minimum of 24,000 lbs., or an actual weight of 25,200 lbs., but that they were charged a minimum of 30,000 lbs.

The matter was taken up informally with the officials of the railway company, and it resulted in a settlement being made on the basis recommended by the Commission.

No. 1595.

May 18, 1908.

W. J. Scott,
Rio, Wis.

ALLEGED OVERCHARGE.

Complainant alleged an overcharge on one stallion, shipped from Rio, Wis., to Cummings, N. Dak.

Complainant was advised that the matter related to interstate commerce and as such was outside the jurisdiction of this Commission, but the tariffs on file in this office were investigated and it was found that the complainant was charged according to the legally published tariffs, and he was so informed,

No. 1596.

May 18, 1908.

*H. C. Craig,**vs.**C., M. & St. P. Ry. Co.**Boscobel, Wis.*

OPENING TRAINS AT CROSSINGS.

Complainant alleged that the train crews of the above named railway company in Boscobel, "habitually disregard public safety by invariably uncoupling trains and pulling ahead, at common crossings, just far enough to permit the passing of teams. Pedestrians are obliged to go into the middle of the road to pass between the cars, the sidewalk being blocked."

The matter was taken up with the officials of the company, who advised the Commission that its superintendent had issued strict orders, that no excuse would be taken from trainmen for improperly opening such crossings, and that the agent at Boscobel had been instructed to watch the matter closely and report any violations of the order.

No. 1597.

May 19, 1908.

*City of Watertown,**vs.**C., M. & St. P. Ry. Co.*

RATES.

The attorney for the complainant informed the Commission that it had been making extensive improvements on its streets, using quantities of crushed stone, which had been delivered at freight charges of 1 ct. per cwt., and that the officials of the railway company had informed its representatives that the rate should be 2 cts., because the Railroad Commission would not permit a lower rate to be charged. Complainant was informed that municipalities are exempted from the provisions of the Railroad Commission Law, and railways may charge them such rates as they may agree upon, so long as the rates are not in excess of the regularly published tariff rates.

No. 1598.

May 20, 1908.

*I. F. Dott, Village President,**vs.**C., M. & St. P. Ry. Co.**Sun Prairie, Wis.*

ALLEGED DANGEROUS CROSSING.

Complainant alleged that a crossing in the village of Sun Prairie was dangerous, and asked the Commission to intercede with the railway company to secure safety devices.

The matter was taken up with the officials of the company, who advised the Commission that alarm bells had been put in and other improvements had been made.

No. 1599. May 21, 1908.
I. F. Posey, *vs.* *C., M. & St. P. Ry. Co.*
Steuben, Wis.

MAINTENANCE OF FENCES.

Complainant herein alleged that the right of way fences along the line of the above named railway company's road near Steuben were in bad order.

The matter was taken up with the officials of the company, who advised the Commission that thorough repairs had been ordered on the fences complained of.

No. 1600. May 22, 1908.
Chicago, & North Western Ry. Co.

ALLEGED THEFT FROM FREIGHT SHIPMENTS.

Certain persons residing twenty miles inland from a station on the above named railway alleged that certain packages belonging to them had been broken open and a portion of the contents taken. In order that the matter might be thoroughly investigated, the Commission sent a representative to ascertain the facts in regard thereto. The representative reported, in substance, that the commodities were delivered by the railway company to draymen, who, for a consideration, transported the goods from the railway to the village, where the several places of the complainants were located; that the loads generally spent one night on the road, and when they arrived at destination they had not been inspected, but when in the course of business the packages were opened, it had been discovered that a portion of the contents were missing. Complainants had no record showing to what shipments the broken packages belonged, and there was no claim that the packages were known to be broken when they were delivered by the railway company to the draymen. Complainants advised the Commission that since its investigation had begun, the pilferings had stopped.

No. 1601.

May 22, 1908.

Wisconsin & Northern Ry. Co.

EMERGENCY TARIFF.

Asking for authority to put into immediate effect a rate of 3½ cts. per cwt. on lumber, Shawano to Neopit.

The application was approved.

No. 1602.

May 19, 1908.

*M. Frankel,**Eagle River, Wis.*

OVERCHARGE.

Complainant herein submitted a freight bill for a box of goods shipped from Menominee, Mich., to Eagle River, and asked whether there had no been an overcharge.. An examination of the tariffs was made, and it was found that complainant had been overcharged 55 cts., and he was so advised.

No. 1603.

May 23, 1908.

*W. N. Knauf,**Chilton, Wis.*

RATES.

Complainant herein asked to be advised concerning the rates charged by Wisconsin railways on stone or gravel, between points in Wisconsin. A tabulation of such rates was made and furnished him.

No. 1604.

May 23, 1908.

*B. D. Baker,**vs.**C. & N. W. Ry. Co.**Janesville, Wis.*

REDEMPTION OF FAMILY TICKET.

Complainant alleged that he had purchased from the above named railway company a 500-mile family ticket, for which he paid \$10, a portion of which being still unused, he had presented it to the agent at Janesville for redemption, which was refused.

The matter was taken up with the officials of the company, who instructed the agent to see complainant and adjust the

matter. This was done and the Commission was informed that the matter had been adjusted to the satisfaction of complainant.

No. 1605.

May 25, 1908.

*Hanson Brothers,
Scandinavia, Wis.*

ALLEGED OVERCHARGE.

Complainant submitted to the Commission an expense bill relating to a shipment of miscellaneous articles, among which was one keg of powder, weighing 20 lbs., shipped from Green Bay to Scandinavia, on which the freight charge was 64 cts., and asked whether or not there had been an overcharge.

He was advised that by the legally published tariff the charge on high explosives in Wisconsin is the rate on 100 lbs., and the charge per cwt. from Green Bay to Scandinavia on powder is 64 cts.

No. 1606.

May 25, 1908.

*Antigo Manufacturing Co., vs. C. & N. W. Ry. Co.
Antigo, Wis.*

ALLEGED OVERCHARGE.

The complaint herein related to the charge made by the above named railway company for transporting broom handles in carloads from Antigo to Minneapolis.

Complainant was advised that the matter complained of related to interstate commerce, and as such was outside the jurisdiction of the Commission, but it was taken up with the officials of the railway company, who advised the Commission that, under the rulings of the interstate commerce commission, they would not be permitted to make a refund, of which the complainant was advised, and the papers returned to him.

No. 1607.

May 25, 1908.

*G. A. Krueger & Son, vs. American Express Co.
Neshkoro, Wis.*

ALLEGED EXCESSIVE RATES.

Complaint related to the charge made by the above named company in transporting dressed veal from Neshkoro to Chicago and Milwaukee.

Complainants were advised that the complaint, so far as it concerned shipments to Chicago, related to interstate traffic and as such was outside the jurisdiction of this Commission; but that the rate charged from Neshkoro to Milwaukee was based upon the published tariff rates of the company, and therefore was the legal rate; that if the complainants believed the rates to be excessive, they could file a formal complaint and the matter would be investigated and an order made in accordance with the law and facts. The matter was taken up informally with the officials of the company, who contended that the charge was a reasonable one and declined to put into effect a lower tariff between the points in question, of which complainants were advised.

No. 1608.

May 25, 1908.

Upham & Agler,
Chicago, Ill.

CLAIMS.

The complaint herein related to a carload shipment of lumber from Wittenberg to Oshkosh, complainants alleging that the shipment was a reconsignment of a former shipment and that the total rate should be the through rate from Wittenberg to Moline, Ill., plus \$2.00 for the reconsignment.

Complainants were advised that, under their statement, the shipment became an interstate shipment and should be referred to the interstate commerce commission, and the claim papers were returned to them.

No. 1609.

May 27, 1908.

E. Hawarden,
Superior, Wis.

vs.

N. P. Ry. Co.

STATION TELEPHONE SERVICE.

Complainant herein alleged that the Peoples Telephone Co. of Superior was furnishing him with telephone service; that when he called up the office of the Northern Pacific Ry. Co. in Superior, the officials of that company refused to answer his telephone calls.

The principle involved in the above entitled matter was disposed of in the decision of this Commission *in re Peoples Telephone Co. v. G. N. Ry. Co. et al.* See p. 117.

No. 1610.

May 26, 1908.

J. A. Landsinger,
Wonewoc, Wis.

See *in re C. & N. W. Ry.*, informal case No. 1600. The complaint herein related to the same matter as in the case above referred to, and the two questions were investigated together.

No. 1611.

May 27, 1908.

Mauseth & Roe,
Cameron, Wis.

MINIMUM CHARGE ON SINGLE SHIPMENTS.

Complaint was made regarding a charge of 65 cts. on a pair of carpet cushions, weighing 20 lbs., shipped from Chicago to Cameron. Complainants were informed that the matter related to interstate commerce and as such was outside the jurisdiction of the Commission; that the charge was based on the legally published tariffs in effect at the time.

No. 1612.

May 27, 1908.

Gehl Brothers Manufacturing Co.,
West Bend, Wis.

RATES.

The complainant asked to be furnished with carload rates on ensilage cutters from West Bend to Sauk City, and also the rate on ensilage cutters from West Bend to Madison by the C. & N. W. Ry., and from Madison to Sauk City by the C., M. & St. P. Ry. Co. This information was furnished.

No. 1613.

May 27, 1908.

International Salt Co., *vs.* *W. C. Ry. Co.*
Chicago, Ill.

CLAIMS.

The above entitled matter related to a claim for overcharge on a shipment of salt, alleged to have been shipped from Milwaukee to Mellen. An examination of the papers submitted indicated that the shipment was a through shipment, originating east of Lake Michigan, and as such was outside the jurisdiction of the Commission. The complainant was so informed and its papers returned.

No. 1614.

May 30, 1908.

C. G. Stern, *vs.*
Knowlton, Wis.

C., M. & St. P. Ry. Co.

MAINTENANCE OF FENCES.

Complainant herein alleged that the fences along the right of way of the above named company near Knowlton were out of repair. The matter was taken up with the officials of the company, who stated that posts and wire had been ordered and the repairs would be made at once, and complainant was so informed.

No. 1615.

June 5, 1908.

Peerless Mineral Spring Co.,
Fox Lake, Wis.

TELEGRAPH SERVICE.

The above entitled matter related to the telephone service furnished by the Western Union Telegraph Co. at Randolph, and the complaint alleged that the operator at that point refused to take a telegram which complainant offered over the telephone. The matter was taken up with the officials of the company, who advised the Commission that an investigation showed that, when the message was offered, the telephone was not working properly, but that the operator had been instructed to receive telegrams over the telephone in the future.

No. 1616.

May 28, 1908.

Curtis & Yale Co.,
Wausau, Wis.

ALLEGED OVERCHARGE.

The complaint herein related to an alleged overcharge on a shipment of sashes and doors from Wausau to Spooner.

The matter was taken up with the officials of the railway company, who advised the Commission that they would investigate the matter and report.

No. 1617.

May 29, 1908.

W. P. Massuere Co. *vs.*
Arcadia, Wis.

G. B. & W. R. R. Co.

ALLEGED INADEQUATE SERVICE.

The complaint herein alleged that the way freight service on

the line of the above named railway company was insufficient. The matter was taken up with the officials of the company, who asked to have complainant furnish freight bills, so that data might be had on which to base a thorough investigation of the matter. A copy of this letter was sent to complainant, but no other information was offered.

No. 1618.

May 29, 1908.

Chicago & North Western Ry. Co.

ALLEGED OVERCHARGE.

The above named railway company submitted papers in a claim filed with it by Brittingham & Young, alleging an overcharge on a car of lumber shipped from Hiles, a station on the line of the C. & N. W. Ry. Co., to Darlington, a station on the line of the C., M. & St. P. Ry. Co. No routing directions were given by the shipper, and there was no joint rate in effect on the commodity between the points in question. The agent billed the car to Janesville at a rate of $11\frac{1}{2}$ cts., and from that point it moved to destination on a rate of $9\frac{1}{2}$ cts., making a through rate of 21 cts. per cwt. It appeared that the C., M. & St. P. Ry. had a rate of 12 cts. per cwt. from Wausau to Darlington, and that the C. & N. W. Ry. Co. had a rate of $7\frac{1}{2}$ cts. from Hiles to Wausau, making a through rate of $19\frac{1}{2}$ cts. per cwt., as against 21 cts. by the route over which the shipment moved, and asked whether under these circumstances a refund would be justified.

Held: That under a formal opinion of this Commission in *re Hodges v. W. C. R. Co.* 1 W. R. C. R. 300, it is the duty of the carrier, in the absence of specific directions, to so route the car that it will move on the lowest combination of rates.

No. 1619.

June 1, 1908.

S. W. Beggs,

Crandon, Wis.

RATES ON LOGS.

Complainant advised the Commission that the C. & N. W. Ry. was about to advance its lumber rate on logs from a certain siding point on the Pelican branch to Crandon, a distance of seven miles, from \$4.75 per car to \$9.75 per car.

The complainant was advised that the railway company could make such changes in its tariffs as it wished, and that, if complainant believed the rates to be excessive, he could make complaint to this Commission to that effect.

No. 1620.		June 2, 1908.
<i>Theodore Thompson,</i>	<i>vs.</i>	<i>W. C. Ry. Co.</i>
<i>Curtiss, Wis.</i>		

RIGHT OF WAY RENTAL.

The complainant herein alleged that the Wisconsin Central Ry. Co. charged him \$1.00 per annum for a right of way over its railway track near Curtiss.

The matter was submitted to the officials of the railway company, who advised the Commission that their custom was to charge a uniform rate for telephone wires crossing their right of way, that their purpose was to prevent anyone from obtaining rights in or over their line, and complainant was so advised.

No. 1621.		April 14, 1908.
<i>Edwards Bros. et al.,</i>	<i>vs.</i>	<i>C., M. & St. P. Ry. Co.</i>
<i>McFarland, Wis.</i>		

STATION TELEPHONES.

Complainants alleged that the railway company would not furnish telephone service at its station in the village of McFarland, and that they had been paying the rental, and asked to have the Commission make an order in the matter. They were advised of the provisions of ch. 614, Laws of 1907, giving this Commission jurisdiction to order telephone service in railway stations, and blanks for complaint were sent them. The attention of complainants was also called to finding 3 of the decision of the Commission *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543, which reads, in part, as follows:

"It is permissible for telephone companies desiring, for the benefit of their subscribers, to have connections with such railway station, to place a 'pay telephone' into the same. Under these conditions all subscribers of the telephone company in question can call up the station free of charge, but messages sent from the station to subscribers must be paid for, except that railway agents may convey official messages through such telephones without charge."

This evidently offered a satisfactory solution, as nothing further was heard from the matter.

No. 1622.

June 2, 1908.

*Geo. W. Ellis,**East Shoreham, Vt.*

ERRONEOUS QUOTATION BY AGENT.

The agent at the shipping point quoted a wrong rate on emigrant movables from Berlin, Wis., to East Shoreham, Vt., with the result that shipper had to pay an additional amount at destination, which could have been saved had he known the correct rate at the time of shipment.

Complainant was advised that the published rate is the legal rate, and that a misquotation by the agent does not make the company liable. The matter was outside the jurisdiction of the Commission and complainant was so informed.

No. 1623.

June 6, 1908.

*Myron W. Ross,**Hollandale, Wis.*

RATES ON LUMBER.

The complaint herein related to a shipment of lumber from Snyder, Wis., to Hollandale. The shipment was routed by way of Madison, care of the Illinois Central Ry., from Madison to Freeport, Ill., and from Freeport to Hollandale.

Complainant was informed that the rate charged was the published tariff rate for the route it traversed, and was asked for some additional facts, but none were furnished.

No. 1624.

*S. K. Harrison,**vs.**Dunbar & Wausaukee Ry. Co.*

Formal complaint filed. See p. 140.

No. 1625.

June 9, 1908.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

EMERGENCY TARIFF.

Application for authority to issue, effective at once, a tariff on basis of class "A" rate, minimum 20,000 lbs., which would amount to \$34 per car, River Falls to Hayward, and \$28 per car, Hayward to Superior, on a small carnival outfit playing at River Falls.

Application approved.

No. 1626.

June 6, 1908.

*John Schreiner & Sons,
Lancaster, Wis.*

RATES.

Complainants asked for a statement of rates on sugar from New York to Lancaster.

The matter was referred to the interstate commerce commission, which furnished a memorandum showing the rates in effect, which was sent to complainants.

No. 1627.

June 7, 1908.

*W. M. Curtis,
Trevor, Wis.*

*vs.**W. C. Ry. Co.***ALLEGED IMPASSABLE CROSSING.**

Complainant, who is a representative in the assembly from Kenosha county, complained to the Commission that the above named railway company had raised its tracks at a point where a highway, one mile south of Trevor station, crosses, to such an extent that it was difficult, if not impossible, for heavy loads to be carried over them.

The matter was taken up with the officials of the company, but it is not yet disposed of.

No. 1628.

June 9, 1908.

*Dr. Frank H. Edsall,
Madison, Wis.*

*vs.**C., M. & St. P. Ry. Co.***ALLEGED DANGEROUS CROSSINGS.**

Complainant alleged two grade crossings of the above named railway company in the eastern limits of the city of Madison to be dangerous.

The matter was taken up with the officials of the company, who advised the Commission that electric crossing signals would be installed, and complainant was so informed.

No. 1629.

June 26, 1908.

*F. J. Colton, Secy. Fire Department,
La Crosse, Wis.*

FREE TRANSPORTATION.

Inquiry as to whether it is legal for a street railway company

to carry, free of charge, policemen and firemen as part payment for a new franchise.

Held: That policemen and firemen are not included in exempt list in sec. 8, ch. 362, Laws of 1905, and it is not apparent how a franchise can be granted, one consideration of which being free transportation for policemen and firemen.

No. 1630.

May 28, 1908.

Village of Fairchild, vs. C., St. P., M. & O. Ry. Co.

ALLEGED DANGEROUS CROSSINGS.

Complaint was made to the Commission that certain highway crossings over the tracks of the above named railway company in the village of Fairchild were dangerous.

The matter was taken up with the officials of the company, and, after some conference, electric crossing bells were installed, which was satisfactory to the complainant.

No. 1631.

June 15, 1908.

J. F. Ruch,

Beloit, Wis.

RATES ON WINDOW SCREENS.

Complainant asked why window screens are rated third class in Illinois and first class in Wisconsin. The matter was referred to the officials of the railway companies doing business in Wisconsin, and the explanation offered was to the effect that Wisconsin belongs to the territory subject to the rules of the western classification committee, while in Illinois the rules of the Illinois railroad and warehouse commission are in effect, and these rate window screens third class.

Complainant was informed that if he was dissatisfied with the present classification of the commodity in question, he could file a complaint with the Commission, raising that question.

No. 1632.

June 13, 1908.

Hanson Supply Co., vs. C., St. P., M & O. Ry. Co.

Osseo, Wis.

SITE FOR WAREHOUSE.

The complainant herein alleged that the above named railway

company would not furnish it with ground on which to build a warehouse.

The matter was referred to the officials of the railway company, who informed the Commission that they had conferred with the complainant and had made arrangements satisfactory to it.

No. 1633.

June 12, 1908.

James M. Dickens & Co., vs. *C., St. P., M. & O. Ry. Co.,*
Merrillan, Wis. *C., M. & St. P. Ry. Co.*

TRAIN CONNECTIONS.

The complaint herein alleged that the above named railway companies so operated their trains, known respectively as "Omaha No. 4," and "Milwaukee No. 6," that connection was not made at Camp Douglas, and that travelers on the C., St. P., M. & O. Ry. Co., arriving at Camp Douglas and wishing to go east over the C., M. & St. P. Ry., are compelled to lay over at Camp Douglas seven hours.

The matter was taken up with the officials of the company, and after an extended correspondence their schedules were so changed that the trains connected, and no further complaint relating thereto has been received.

No. 1634.

June 12, 1908.

F. H. Witmer et al., vs. *C., M. & St. P. Ry. Co.*
Chicago, Ill.

TRAIN SERVICE.

Complainants alleged they were caused great loss and damage by reason of an unnecessary delay of a passenger train on the above named company's railway, between Brodhead and New Glarus, said delay having been caused by the stopping of the train to unload a quantity of ties along the railway, the ties being carried by the passenger train.

The complaint was taken up with the railway company and the Commission was advised that the carrying of ties on passenger trains was unusual and not customary, but that in the instance complained of, it was due to an emergency, and the company gave assurance that the annoyance would be avoided in the future, all of which was communicated to the complainants.

No. 1635.

June 15, 1908.

H. L. Maxfield, City Attorney, *vs.* *Janesville Street Ry. Co.*
Janesville, Wis.

REQUEST FOR INJUNCTION.

Complainant herein sought an order restraining the above named railway company from tearing up and abandoning certain of its tracks in the city of Janesville, and was advised that the Commission has no jurisdiction in the matter, and that it would be necessary to refer it to the courts.

No. 1636.

June 1, 1908.

Ed. Kamler,
Superior, Wis.

RATES ON ICE.

Complainant asked regarding rates on ice from Nebagamon to Superior and from Superior to Saunders, he having had a shipment of two carloads and feeling that he had been overcharged.

The Commission made an investigation and advised the complainant that he had been charged the legal published rate, but that, in case of subsequent shipments, it would be well for him to take the matter up with the local agent with a view of obtaining a commodity rate, which would be lower.

No. 1637.

June 17, 1908.

J. O. Melby, *vs.* *C., M. & St. P. Ry. Co.*
Westby, Wis.

FARMER'S CROSSING.

Complainant herein sought permission of the above named railway company to put in a "farmer's crossing" over the tracks of the company at his farm, about 2½ miles north of Westby.

The matter was taken up with the assistant general superintendent of the company, who advised the Commission that the complainant did not own land on both sides of the track, that his property adjoins a public highway which gives him access in all directions, that the crossing demanded would cost from \$50.00 to \$60.00, and that under the conditions set forth he did

not see any necessity for making another crossing over the tracks of the company. All of this information was conveyed to the complainant.

No. 1638. June 17, 1908.
Strong & Manley, *vs.* *C. & N. W. Ry. Co.*
Eagle River, Wis.

ALLEGED OVERCHARGE.

Complainant herein alleged an overcharge had been made by the above named railway company on a shipment of 50 lbs. of dynamite, from Grand Rapids to Eagle River. He was advised that the legal rate was double first class rate on 100 lbs., being the minimum charge on small shipments of high explosives, which would amount to 94 cts. and that there had been an overcharge of 18 cts.

No. 1639. June 19, 1908.
Walter J. Heiss, *vs.* *M., St. P. & S. S. M. Ry. Co.*
Bunyan, Wis.

CLAIMS.

Complainant herein alleged the loss of a shipment of hides on the above named railway, that he had submitted a bill for same to the company and had heard nothing in reply.

The matter was taken up with the company by the Commission, tracing was started and the matter is still in process of adjustment.

No. 1640. June 21, 1908.
Irving P. Lord,
Waupaca, Wis.

PARTY RATES.

Request for information as to whether Waupaca Electric Light & Railway Co. would be authorized to make a discount from the regular rates on a sale of three hundred tickets to the Waupaca Business Men's Advancement Association, to be distributed to delegates to a convention. The request for this information was made by the above as general manager of the railway company.

He was advised that ch. 362, Laws of 1905, provides for the issuance of party tickets at reduced rates, provided the same are sold without discrimination to all persons applying therefor under like circumstances and conditions.

No. 1641.

June 23, 1908.

Irving P. Lord,

Waupaca, Wis.

REDUCED RATES TO CLERGYMEN.

The above Irving P. Lord, as general manager of the Waupaca Electric Light & Railway Co., advised the Commission that occasionally ministers of the gospel ask for the privilege to purchase coupon books at half the regular rates, and the company desired to be informed as to whether the granting of this request would be lawful.

He was advised that sec. 8, ch. 362, Laws of 1905, permits the granting of reduced rates or the giving of free transportation to any minister of the gospel.

No. 1642.

June 21, 1908.

W. M. Morrison,

Athens, Wis.

RATES; ALLEGED OVERCHARGE; DAMAGE IN TRANSIT.

Complainant herein shipped a quantity of household goods from Middle Inlet, Wis., to Athens, Wis., by way of the C., M. & St. P. Ry. and the W. C. Ry., with the understanding that the rate would be 77½ cts. per cwt. The shipment included a buggy and a cutter, and the entire consignment weighed 4,668 lbs. Upon delivery, charge was made, not according to the rates quoted by the agent at point of consignment, but according to classifications, separating the shipment into household goods, buggy, and sleigh. This resulted in a charge of \$45.37 instead of \$34.17, the amount which would have been payable under the erroneous 77½ ct. rate.

Considerable correspondence was had, in which complainant was advised that there was no overcharge, and that in cases where an agent quotes erroneously rates other than the legal

published tariffs, the legal rate is to be followed. Complainant put in a claim of \$20 for a stove which he alleged was ruined in the process of shipment, and this claim was referred to the railroad companies, with the result that they took up the matter and gave assurance that speedy settlement would be made.

No. 1643.

June 25, 1908.

H. R. Gardemier,

1218 Wells St., Milwaukee, Wis.

EXCESS FARE FOR FAILURE TO PURCHASE TICKET.

Complainant herein raised an objection to a rule of several railway companies, according to which conductors on passenger trains were instructed to collect a penalty of 10 cts. from each passenger who failed to purchase his ticket at the station in advance of boarding the train, and complainant expressed the opinion that the collection of such penalty would be in violation of the Two-cent Maximum Passenger Fare Law.

He was advised that the attorney general, to whom this question was referred by the Commission for an opinion, had held that the railroad companies might collect such penalty, providing they did not retain it as their absolute property but made arrangements for the refunding of the same at a point where facilities for such purpose are provided. Complainant continued to remonstrate and was advised that the matter might be brought within the jurisdiction of the Commission by the filing of a formal complaint, blanks for which were furnished complainant.

No. 1644.

June 25, 1908.

O. G. Munson,

vs.

C., M. & St. P. Ry. Co.

Viroqua, Wis.

DELAY OF SHIPMENTS.

Complainant herein, jointly with Democrat Printing Co., of Madison, as consignor, alleged that auxiliary newspaper packages, billed from Madison to Viroqua and marked "no delay," were repeatedly delayed for from five to seven days, whereas delivery ought to be made in not more than three days. The

matter was taken up with the officials of the railway company, who made an investigation and advised that the causes for the delay had been removed, and that the shipments would in the future move forward with satisfactory dispatch.

No. 1645.

June 24, 1908.

*Rhineland Manufacturing Co.,
Rhineland, Wis.*

CLAIMS.

Complainant was charged \$79.84 on a shipment of zinc from La Salle, Ill., to Rhineland, Wis., the charge being \$36.45 more than the rate on the C. & N. W. Ry., the shipment moving on the M., St. P. & S. S. M. Ry., which had no rate published on the commodity shipped, but was willing to meet the rate of the C. & N. W.

Complainant was advised that the incident in point occurred prior to the establishment of the Wisconsin Railroad Commission and was an interstate shipment, therefore, being outside of the jurisdiction of the Commission. The matter was later taken up by the complainant with the interstate commerce commission.

No. 1646.

June 27, 1908.

*Win J. Kyes,
Merrill, Wis.*

FREE TRANSPORTATION TO POLICE AND FIREMEN.

Inquiry as to whether it is permissible to allow all policemen, firemen and other officials and servants of a municipality to ride on street cars free, while in the actual discharge of their duty.

Held: That granting of free transportation to policemen, firemen, city officials and all other persons not specially excepted in sec. 8, ch. 362, Laws of 1905, is in violation of law.

No. 1647.

June 8, 1908.

*Badger Manufacturing Co.,
Racine, Wis.*

DELAYED SHIPMENT.

Complainant herein alleged that a shipment of hammocks from Racine to Colon, Panama, had been delayed.

Complainant was advised that the matter being interstate commerce was outside of the jurisdiction of the Commission, but that it had been referred to the authorities of the C. & N. W. Ry. Co., who were making an investigation of the matter.

No. 1648.

June 25, 1908.

Laun Brothers,

Wausaukee, Wis.

BLUEBERRIES IN BASKETS.

Complainant herein alleged that the express companies had refused to handle 8-quart baskets containing blueberries, thereby requiring the complainant to invest in the more expensive carriers, crates, and the complainant desired to know whether the express companies had the power to dictate the package. The matter was taken up with the express companies, the superintendent of the American Express Co. replying that his company did not run to Wausaukee, that it did not and would not refuse to handle the packages in question. The general superintendent of the United States Express Co. advised that official express classification No. 18, L. C. C.-O. E. C. No. 1, contains the following clause: "Fruit in baskets with top protected only by a covering of gauze, not crated; refuse." Reasons for this were set forth as being the liability to damage of the fruit and other property in transit, the necessity for providing an unreasonable amount of car floor space on account of the impracticability of piling these baskets one upon the other, and because the only safe way to ship this fruit was in crates or boxes. Later the American Express Co. advised, that it had concluded not to handle fruit in uncovered baskets, for reasons similar to those set forth in the letter of the United States Express Co.

Complainant was advised that it might bring the matter within the jurisdiction of the Commission by filing a formal complaint, which was not done.

No. 1649.

June 23, 1908.

Lyman Grain Co.,

41 Chamber of Commerce, Milwaukee, Wis.

ALLEGED DISCRIMINATION IN TRANSIT PRIVILEGES.

Complainant alleged that the C. & N. W. and C., M. & St. P. railways granted transit privileges in Milwaukee to owners of

elevators, or lessees or operators of elevators, but refused such privileges to other shippers. This matter was brought up previously by the Franke Grain Co., but that complaint was withdrawn and the matter did not come to a determination by the Commission. Complainant was advised that consultation with the Franke Grain Co. might be profitable, or that the matter could be brought to the attention of the Commission by the filing of a formal complaint.

No. 1650.

June 26, 1908.

*Fred Miller Brewing Co.,
Milwaukee, Wis.*

ALLEGED EXCESSIVE RATES.

Complainant herein alleged that the railway companies had raised their L. C. L. rates on beer in this state, by changing such freight from fourth to third class. Investigation showed that the C. & N. W. Ry. Co., on May 23, 1908, and the C., M. & St. P. Ry., on June 17, 1908, had changed beer in less than carloads from fourth to third class, but that there was no notice of any change on the W. C. Ry. Co.

Blanks were forwarded complainant for the making of a formal complaint, in order to bring the matter within the jurisdiction of the Commission.

No. 1651.

*Wisconsin Retail Lumber Dealers' Association,
Milwaukee, Wis.*

Formal complaint filed.

No. 1652.

June 27, 1908.

*A. G. Clark et al., vs C., St. P., M. & O. Ry. Co.
Rice Lake, Wis.*

REQUEST FOR SPECIAL TRAIN SERVICE.

In the above entitled matter the assistance of the Commission was solicited to secure special train service to Rice Lake on July 4, 1908, when several thousand visitors were expected. The matter was taken up informally with the officials of the "Omaha" road, with the effect that service was rendered entirely satisfactory to the petitioners.

PART V.

Informal Utility Complaints.

No. 1.

E. E. Payne et al. vs. *Wis. Telephone Co.*

Formal complaint filed. See page 142.

No. 2.

July 17, 1907.

Greater Milwaukee Association,
Milwaukee, Wis.

ALLEGED EXCESSIVE RATES FOR CURRENT.

The complainant alleged that for years past in the city of Milwaukee excessive charges had been exacted for electric current for light and power to public and private consumers; that charges to consumers were not uniform, and a request was made that the Commission investigate the cost to the electric lighting companies in Milwaukee of furnishing current for public lighting and the cost of furnishing current for private lighting and for power, and that a just and reasonable and uniform price be charged to the consumer, both public and private.

The complainant was advised that a valuation of the properties of the electric railway companies doing business in Milwaukee had been made; that this valuation included that portion of the business of certain companies furnishing lighting and power service, and that these companies do the larger part of the electric lighting within the city. It was suggested that a formal complaint be filed, which would be considered in its turn.

No such complaint was filed.

No. 3.

Aug. 2, 1907.

In re PUBLIC UTILITY COMPANIES.

The above entitled matter related to an endeavor on the part of the Commission to secure the names and addresses of every public utility doing business in the state, and was one of the first steps taken, in preparation for its work, by the Commission. For lists of these companies and addresses, see tabulations in another part of this report.

No. 4.

Aug. 22, 1907.

*O. P. Schnetzky, vs. Milwaukee and Fox River Valley Ry. Co.
Elkhart Lake, Wis.*

DISCRIMINATION IN RATES FOR CURRENT.

In the above entitled matter the complainant alleged that the electric company was doing business at Elkhart Lake and had not a uniform schedule of prices and charges; that in some cases flat rates were charged, and in other cases rates based upon meter readings.

The matter was submitted to the officials of the electric company, and they stated it was their intention to comply with the law. Complainant was advised to file a formal complaint and blanks were furnished him.

No. 5.

Aug. 9, 1907.

*W. A. Doyle, vs. Wisconsin Telephone Co.
Menomonie, Wis.*

CONTRACT TELEPHONE RATES; ADVANCE IS NOT DISCRIMINATORY.

In the above entitled matter it appears that the complainant herein had been furnished with telephone service by the above named company on a four-party, grounded line at \$1.00 per month, under a contract for such service, and that the company had discontinued this kind of service and had put the complainant on a two-party metallic return circuit, for which service its legally published rate was \$1.50 per month.

The matter was submitted to the officials of the telephone company, who stated that two years prior to the passage of the Public Utilities Law, the Menomonie system had become obsolete, owing to induction from electric light circuits, which rendered portions of its exchange almost useless, and that the service

generally was so inferior that it became necessary to rebuild the plant throughout; that this necessitated the abandonment of the four-party, grounded service, and that it substituted in lieu thereof a two-party metallic return service, and that all of the subscribers but a few, including the complainant, had accepted the two-party service, but that complainant and the other objectors, relying on their contracts, refused to pay for the different class of service they were receiving, and owing to such existing contracts, after the passage of the Public Utilities Law, the company felt obligated to continue such service at the old rate as long as the contracts made under the old system should continue in force; that after the contracts expired, the company endeavored to amicably induce complainant to accept the new class of service at the advanced rate, and, pending these negotiations, the discriminatory rate was kept in effect, and the company contended that it was not necessary for it to apply to the Commission for authority to increase complainant's rate, but that it was merely requiring complainant to pay the legal rates in force in the city of Menomonie.

Held: On the above statement of facts, there was no illegal advancement of telephone rates; that complainant's remedy was to file a formal complaint with this Commission, to the effect that the rates then charged were excessive or unreasonable, and blanks for that purpose were furnished him.

No. 6.

Aug. 23, 1907.

City of Superior.

RULES OF PROCEDURE AGAINST LIGHTING UTILITIES.

In the above entitled matter the city attorney of the complainant herein asked the Commission whether any rules of procedure or forms for petitions had been prepared, and whether any reports had been required to be made to the Commission by public utilities as to charges for public and private lighting under the provisions of the Public Utilities Law.

A copy of the rules of procedure was sent to complainant, and he was advised that the utilities had been asked to furnish copies of their rates, tolls and charges, and that Sept. 1 was named as the limit of time in which utilities might file such schedule.

No. 7.

Aug. 24, 1907.

*Fred Klaus, Jr.,**vs.**Wis. Telephone Co.**Winneconne, Wis.*

JOINT TELEPHONE RATES.

The complainant herein alleged that the above named telephone company had absorbed the Waushara Telephone Co. and exacted a double charge of toll for messages between Winneconne and Red Granite.

The matter was submitted to the officials of the defendant company, who advised the Commission that it had not absorbed the Waushara Telephone Co.; that it had acquired a portion of the capital stock of said company; but that the operation of the company was practically in the hands of stockholders unconnected with the Wisconsin Telephone Co.; that the toll line between Red Granite and Winneconne is by way of Berlin; that part of the line between Red Granite and Berlin is owned by the Waushara Telephone Co., and between Winneconne and Berlin by the Wisconsin Telephone Co.; that each company makes its regular charge for the service it renders, but that the intention of the companies is to make in the near future a joint rate, based upon air line distance, of which complainant was informed.

No. 8.

Sept. 3, 1907.

*T. M. Holland,**Park Falls, Wis.*

GRATUITOUS ELECTRIC SERVICE TO MUNICIPALITY.

Complainant asked to be advised whether an electric lighting company may, under the provisions of the Public Utilities Law, and in the absence of a contract, furnish electric lighting free to the city.

Held: That the furnishing of electric light free to a city is contrary to the provisions of the Public Utilities Law, unless such service is based on a contract made prior to the passage of the law.

No. 9.

Aug. 30, 1907.

Clear Lake Telephone Co.,
Clear Lake, Wis.

RAILROAD STATION TELEPHONE SERVICE.

Complainant asked concerning the law governing telephone service in railway stations.

Held: Ch. 614, Laws of 1907, provides that upon complaint to this Commission, that any telephone service with any railroad is inadequate, unreasonable, unjust or discriminatory, or that such service cannot be had, it shall be the duty of the Commission to investigate the same, and if, upon investigation, the Commission shall find that such service is inadequate, discriminatory or cannot be had, it may, by order, fix a reasonable regulation, practice or service to be installed; that the decision of the Commission entitled *In re Free and Reduced Telephone Service*, 2 W. R. C. R. 521, provides, in effect, that a pay station may be installed in a railway station by means of which anyone may call the station up without extra charge, and the railway agent may call up any telephone subscriber upon official business, but that if such telephone is used for any other purpose, the local rate for such service must be paid.

See *Peoples Tel. Co. v. Eastern Ry. Co. of Minn.*, 2 W. R. C. R. 822.

No. 10.

Sept. 6. 1907.

Clintonville Electric Light Plant,
Clintonville, Wis.

EMERGENCY ELECTRIC SERVICE.

The superintendent of the above named plant submitted the following question to the Commission: Whether or not a public utility, furnishing electric service, has the power to refuse such service to an individual because such individual has installed a gasoline lighting plant and uses the electric service only when he is compelled to.

Held: This service cannot be denied, but that a minimum charge might be exacted for such service.

No. 11.

Aug. 30, 1907.

*Burlington Electric Light & Power Co.**Burlington, Wis.*

INDETERMINATE PERMIT; GAS AND ELECTRICITY NOT SIMILAR SERVICE.

A request was made to the Commission for a construction of subd. 1, sec. 1797m—74, Laws of 1907, providing that no license, permit or franchise shall be granted to any person, firm or corporation to own, operate, manage or control any plant or equipment for the production, transmission, delivery or furnishing of heat, light, water or power in any municipality where there is in operation, under an indeterminate permit, a public utility engaged in similar service, without first securing from the Commission a declaration, after a public hearing of all parties interested, that public convenience and necessity require such second public utility; and particularly whether, in a case where there is a gas plant in operation under an indeterminate permit, it would be necessary for a company proposing to furnish electric service to apply for a certificate of convenience and necessity before it could secure a franchise.

Held: That a company producing electric light and a company producing gas are not engaged in a similar service, and that, consequently, an application to the Commission for a certificate of convenience and necessity in such a case would not be required.

No. 12.

Sept. 10, 1907.

*Wausau Gas Co.,**Wausau, Wis.*

REQUEST FOR INVESTIGATION OF GAS.

A citizen of Wausau applied to the Commission to have an investigation made of the quality of gas furnished by the Wausau Gas Co. to its consumers.

Complainant was advised that the organization of the Commission made it impossible at that time to make such tests. Since this, work has been undertaken and tests of service have been made in many cities of the state.

No. 13.

Sept. 11, 1907.

*The Scandinavia Telephone Co.,
Scandinavia, Wis.*

LOWER TELEPHONE RATES TO STOCKHOLDERS AND OWNERS OF
EQUIPMENT.

In the above entitled matter complainant stated that its company was a mutual one, not organized for profit, and no cash dividends were declared, and that a lower rate was given to stockholders and to persons who installed their own instruments than was given to the general public.

Held: This is contrary to the Public Utilities Law. See decision of the Commission *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 14.

Sept. 8, 1907.

*R. E. Dimick, vs. Barron County Telephone Co.
Almena, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the above named telephone company was charging excessive rates.

Complainant was advised that it would be necessary to file a formal complaint.

No. 15.

Sept. 7, 1907.

*Badger Telephone Co.,
Oconomowoc, Wis.*

FREE TELEPHONE SERVICE TO PUBLIC OFFICIALS.

The complainant herein alleged that it was about to extend its lines into a certain township, and the town board had notified it that it would not permit such extension unless the individuals composing it were given free use of such telephones, and asking for a construction of the law relating thereto.

Held: That the laws governing in cases of this kind read as follows:

Ch. 499, Laws of 1907, commonly known as the "Public Utilities Law." provides as follows:

"Section 1797m—88. No public utility or any agent or officer thereof * * * shall offer or give for any purpose to any * * * incumbent of any office or position under the

constitution or laws or under any ordinance of any municipality of this state, or to any person at the request, or for the advantage of all or any of them, any frank or any privilege withheld from any person for any product or service produced, transmitted, delivered, furnished or rendered or to be produced, transmitted, delivered, furnished or rendered by any public utility, or the conveyance of any telephone message or communication or any free product or service whatsoever.

2. * * * no incumbent of any office or position under the constitution or laws or under any ordinance of any town or municipality of this state, *shall ask for or accept from any public utility or any agent or officer thereof * * * or use in any manner or for any purpose any frank or privilege withheld from any person, for any product or service produced, transmitted, delivered, furnished or rendered, or to be produced, transmitted, delivered, furnished or rendered by any public utility, or the conveyance of any telephone message or communication.*

3. *Any violation of any of the provisions of this section shall be punished by imprisonment in the state prison not more than five years nor less than one year or by fine not exceeding one thousand dollars nor less than two hundred dollars."*

Furthermore, the act of the board, in asking the concession as a condition of the proposed grant, may raise a more serious question, depending upon the facts, upon which we do not express any opinion.

Sec. 11 of article XIII of the State Constitution provides as follows:

"No person, association, co-partnership, corporation, shall offer, or give, for any purpose, to any political committee, or any member or employe thereof, to any candidate for, or incumbent of any office or position under the constitution or laws, or under any ordinance of any town or municipality, of this state or to any person at the request or for the advantage of all or any of them, any free pass or frank, or any privilege withheld from any person, for the traveling accommodation or transportation of any person or property, or the transmission of any message or communication. No political committee, and no member or employe thereof, no candidate for and no incumbent of any office or position under the constitution or laws, or under any ordinance of any town or municipality of this state, shall ask for, or accept, from any person, association, co-partnership, or corporation, or use in any manner, or for any purpose, any free pass or frank, or any privilege withheld from any person, for the traveling accommodation or transportation of any person or property, or the transmission of any message or communication. Any violation of any of the above provisions shall be punished by imprisonment in the state prison not

more than five years nor less than one year, or by fine not exceeding one thousand dollars, nor less than two hundred dollars."

Sec. 4475, Statutes of 1898, provides as follows:

"Any person who shall corruptly give, offer or promise to any executive, judicial, legislative, administrative or other officer of the state, or of any county, town, city, village, school district, or of other municipal corporation or subdivision therein, after his election or appointment, and either before or after he shall have been qualified or shall have taken his seat, any gift or gratuity, or any money, goods, thing in action, personal or real property, or anything of value, or any pecuniary or other personal advantage, present or prospective, with intent to influence his vote, opinion, judgment or action upon any question, matter, cause or proceeding which may then be pending or which may by law come or be brought before him in his official capacity, and any such officer who shall corruptly accept or receive any such gift, gratuity, money, goods, thing in action, personal or real property or any thing of value, or any such pecuniary or other personal advantage, present or prospective, under any agreement or understanding that his vote, opinion, judgment or action should be thereby so influenced, shall be punished by imprisonment in the state prison not more than five years nor less than one year, or by fine not exceeding one thousand dollars nor less than two hundred dollars."

No. 16.

Sept. 7, 1907.

M. E. Dillon,
Ashland, Wis.

JURISDICTION OVER CONTRACTS.

In the above entitled matter complainant wished to be advised as to the jurisdiction of the Commission to supervise the rates charged to a municipality by a public utility under a contract which had not expired.

Held: This Commission has no supervisory power over contracts made prior to April 1, 1907.

No. 17.

Sept. 17, 1907.

O. G. Potter,
Pepin, Wis.

FARMER TELEPHONE LINES.

Inquiry whether the Commission has jurisdiction over "farmer telephone lines."

Held: That the Commission has jurisdiction over all telephone lines furnishing service to or for the public.

No. 18.

Sept. 14, 1907.

*C. F. Stone,**Lake Nebagamon, Wis.*

TELEPHONE DISCRIMINATION.

Complainant alleged that there were in operation in Lake Nebagamon two telephone companies, both furnishing exchange service; that one company proposed to discontinue its exchange service, and asked complainant for permission to install in his store a booth, which could be used for long distance business; that the manager of the other company thereupon notified complainant that if such booth were installed in the store, his company would no longer furnish service to complainant.

Held: The Public Utilities Law prohibits discrimination between persons, and all telephone companies must furnish service to persons applying therefor within the zone in which they are operating.

No. 19.

Sept. 17, 1907.

Bemis Bag & Paper Co., vs. Superior Water, Light & Power Co.
Superior, Wis.

ALLEGED INCREASE IN WATER RATES.

Complainant herein advised the Commission that the above named utility company had advanced complainant's rates for water from the rates charged on April 1, 1907, and that such advance had been made without authority granted by the Commission, as required by law. Complainant desired that a hearing be held upon the matter. The Commission advised complainant that the proposed hearing was unnecessary for the reason that no advance in rates could be made without authority granted by the Commission. Respondent was advised of the prohibition in the law forbidding the alleged advance in rates, and the company advised the Commission that there was no desire to raise complainant's stand pipe rate, but that respondent believed that the Public Utilities Law required them to equalize rates so as to eliminate discrimination.

Held: That no advance in rates, over those in effect on April 1, 1907, could legally be made without authority granted by the Commission, even though discrimination existed.

No. 20.

Sept. 5, 1907.

*Bloomer Telephone Co.,
Bloomer, Wis.*

FREE TELEPHONE SERVICE IN DEPOTS.

The above named telephone company advised the Commission that it was maintaining free telephones in the railway stations at Bloomer and New Auburn.

Held: That telephone service cannot legally be given to railway companies free of charge, and that the law provides that railway companies may be compelled to install telephones in their stations.

No. 21.

Sept. 20, 1907.

*M. Wheeler,
Neenah, Wis.*

COMPLAINTS AGAINST UTILITIES.

Asking for information regarding the filing of complaints against utilities, which information was furnished.

No. 22.

Sept. 26, 1907.

*W. R. Wallace,
Rib Lake, Wis.*

FREE TELEPHONES IN STATIONS.

The complainant herein asked the Commission whether a telephone company could legally furnish telephone service to a railway in its station without making charge therefore.

(See *Clear Lake Telephone Co.*, informal case No. 9.

No. 23.

*Manitowoc Water Works Co.,
Manitowoc, Wis.*

Formal complaint filed. See p. 169.

No. 24.

Sept. 23, 1907.

*Ripon College, vs. Ripon Light & Water Co.
Ripon, Wis.*

CALCULATION OF WATER BILLS.

The complainant herein advised the Commission that it owns several buildings and takes water through different meters, but

all bills are paid from one office, and that the rate should be based upon the total amount consumed rather than upon the various amounts consumed in the various buildings.

Held: The charge made for water is not on the basis of the value of the water. Water is free to all users at the source of supply. What the consumer pays for, is the carrying and delivering to the point of consumption. On this theory, if the complainant owns the pipes which conduct the water through its grounds to the various buildings, the charge to it should be based upon the gross amount used without regard to the number of meters through which it is measured. To this should be added the amount of meter rent, cost of meter reading, etc., which would place the college on an equality with other users of a like amount of water. That if the water company owns all of the pipe through which the water is carried to the several buildings, each building should be regarded as an individual consumer, without regard to the water used in the other buildings.

No. 25.

Oct. 1, 1907.

*Minahan Building Co.,
Green Bay, Wis.*

REDUCED ELECTRICITY RATES TO MUNICIPALITIES.

Inquiring whether it would be permitted to furnish a municipality electric current at a less rate than is furnished to the general public.

Held: Municipalities stand on the same footing as the general public, and must be charged the same rates as those charged to other persons under the same circumstances and conditions. See informal complaint, No. 8, *T. M. Holland*.

No. 26.

City of Ripon, vs. Ripon Water, Light & Power Co.

Formal complaint filed. See page 154.

28—R. R.

No. 27.

Oct. 4, 1907.

*Tomah Electric & Telephone Co.,
Tomah, Wis.*

DISCRIMINATIONS.

Inquiring regarding the necessity of putting into effect a uniform schedule.

Held: That discriminations are prohibited under the law and penalties provided therefor.

No. 28.

Sept. 27, 1907.

*Wis. Electric Service Co., vs. Calumet Dairy Co.
Fond du Lac, Wis.*

COMPETITION IN ELECTRIC SERVICE.

Complainant herein alleged that it had a franchise from the city of Chilton for public and private lighting in that city; that another company, without a franchise, was furnishing electric current to the public, and asking whether such was not a violation of complainant's rights.

Held: That the complaint is one outside the jurisdiction of this Commission.

No. 29.

Oct. 6, 1907.

*Ripon Light & Water Co.
Ripon, Wis.*

PUBLIC UTILITY; ELECTRIC.

In the above entitled matter inquiry was made of the Commission as follows: Does the furnishing of electric current to a single individual, by the owner of a private lighting plant, make such lighting plant a public utility.

Held: The person furnishing such service, under the described circumstances, is a public utility.

No. 30.

Sept. 30, 1907.

*Geo. Warren Co.,
Warren, Wis.*

METHODS OF COMPUTING RATES FOR STEAM AND HOT WATER HEATING.

In the above entitled matter inquiry was made as to the basis of charges used by heating companies.

Held: Heating service is sold both under flat and meter rates. The flat rate systems comprise:

- a. A charge per cubic foot of room heated;
- b. A charge per square foot of radiation.

The meter rates comprise:

- a. In hot water systems a charge per unit of water at a given temperature, measured by water meters;
- b. In steam systems, a charge per unit amount of steam measured by steam meters;
- c. In steam systems, a charge per unit of condensed steam measured by water meters.

No. 31.

Oct. 7, 1907.

*Municipal Electric & Water Works,
Elroy, Wis.*

ACCOUNTING FOR UTILITIES.

Asking for information concerning the accounting system to be ordered by the Commission.

Complainant was advised that the subject of uniform accounting was under consideration by the Commission, but no decision had been made thereon.

No. 32.

Oct. 15, 1907.

*John T. Janssen, vs. Wisconsin Telephone Co.
Milwaukee, Wis.*

FREE TELEPHONE SERVICE FOR POLICE.

The complainant in the above entitled matter is the chief of police of the city of Milwaukee. He stated that it had been the custom for many years for the above named telephone company to give long distance telephone service free of charge within the boundaries of the state, where the aid of police departments and sheriffs was asked in the apprehension of criminals or fugitives from justice, but that he had been advised by the above named telephone company, that such service would have to be discontinued, and asked to be advised concerning the matter.

Held: That under the Public Utilities Law free service to a municipality is prohibited. See informal complaint No. 8, *T. M. Holland*; informal complaint No. 25, *Minahan Bldg. Co.*

No. 33.

Oct. 14, 1907.

City of Reedsburg.

PENALTY FOR NON-PAYMENT AN INCREASE IN RATES.

In the above matter inquiry was made whether it would be within the law to impose a penalty of 10 per cent on all persons not paying electric or water bills on or before a certain date.

Held: The Public Utilities Law makes the rates in effect on April 1, 1907, the legal maximum rates, and provides that such rates may be raised only upon application to this Commission and upon an order after notice and hearing; that imposing a penalty for non-payment of bills amounts to an increase in rates.

No. 34.

Oct. 12, 1907.

*West Greenbush Telephone Co.,
Greenbush, Wis.*

CONTRACTS BETWEEN TELEPHONE COMPANIES.

The inquiry herein was, whether or not telephone companies may exchange service with one another, without other consideration moving than the benefit each receives from the other.

Held: This Commission has no jurisdiction over contracts of connection between telephone companies; such companies may make such contracts of connection between one another as they can agree upon.

No. 35.

Oct. 15, 1907.

*C. A. Markham,
Beaver Dam, Wis.*

ABSENCE OF TELEPHONE RATES FOR IMPROVED SERVICE.

In the above entitled matter complainant alleged that he was then receiving, and for years past had been receiving, telephone service on a party line at \$1.00 per month, and that notice had been served that hereafter the charge would be \$2.00 per month, and desiring to know whether, under the provisions of the law making the rates in effect on April 1, 1907, the legal maximum rates, such advance could be made.

The matter was submitted to the officials of the company, who advised the Commission that the service which complainant

had been receiving was a four-party, grounded circuit service, at \$1.00 per month; that this grounded circuit service was impracticable, and the company had installed a new switchboard at Beaver Dam, with a complete metallic circuit system, and had discontinued the grounded service, as it had become obsolete, and that complainant was receiving the improved service at a discriminatory rate, of all of which complainant was advised. The principle involved is identical with that of *in re Doyle*, see informal complaint No. 5.

No. 36.

Oct. 12, 1907.

*C. I. Delaney, vs. Chippewa Falls Water Works and Lighting
Chippewa Falls, Wis.*

Co.

ALLEGED EXCESSIVE WATER RATES.

Complainant herein alleged an excessive charge made by the above named company for lawn sprinkling service in Chippewa Falls.

The matter was investigated, and complainant was advised that the charge made was based upon the legally published tariffs of the company.

No. 37.

Oct. 10, 1907.

*La Crosse Interurban Telephone Co.,
La Crosse, Wis.*

FREE TELEPHONES IN STATIONS.

Inquiry concerning free telephone service in railway stations. Complainant was advised of the law therein. See informal complaint No. 9, *Clear Lake Telephone Co.; Peoples Tel. Co. v. E. Ry. Co. of Minn.* 2 W. R. C. R. 822.

No. 38.

Oct. 9, 1907.

*Menominee & Marinette Light & Traction Co.,
Menominee, Mich.*

SUBSTITUTION OF METER FOR FLAT RATES.

The inquiry herein was, whether the substitution of rates based upon meter readings for a flat rate would be permissible under the Public Utilities Law.

Held: If the change resulted in an increase in rates, application should be made to the Commission, under the provisions of sec. 1797m—105 of the Public Utilities Law.

No. 39.

Oct. 16, 1907.

*City Water Co.**Marinette, Wis.*

CONTRIBUTIONS TO PUBLIC ENTERPRISES; CHANGES OF RATES.

Inquiry was made by the above named company as to whether a public utility company would be permitted, under the law, to make donations to religious, educational and charitable institutions, or to public subscription movements, such as the raising of bonus for new industrial establishments; and as to the procedure to be followed in changing rates. The Commission reserved the matter of contributions for further consideration and in a subsequent case it was

Held: That there is nothing in the Public Utilities Law to authorize the Commission to permit or sanction the making of contributions for any purposes by public utilities within this state, but that there is nothing in the law to prevent officers, directors and stockholders of public utility corporations, in their individual capacity, from contributing for charitable and other worthy purposes to the full extent of their charitable impulses and the size of their purses.

As to the inquiry concerning the proper procedure for changing rates, it was

Held: That any increase in the rates in effect on April 1, 1907, may be effected only by application to the Commission, but that a decrease of such rates may be made without such application, merely the filing with the Commission of the proposed lower rates ten days before the same become effective being required.

No. 40.

Oct. 16, 1907.

*Oshkosh Water Works Co.,**Oshkosh, Wis.*

PROMPT PAYMENT RULES NOT TO BE WAIVED.

In the above entitled matter complainants had in effect a rule by which, if the service is not paid for on or before a certain date, it would be discontinued, and not furnished again until the penalty of \$1.00 had been paid, and inquiring whether in cases where individuals have a reasonable excuse for their failure to pay, the penalties may be waived.

Held: The penalty must be enforced against all alike, and waiving it in favor of any individual for any reason amounts to a discrimination under the meaning of the Public Utilities Law.

No. 41.

Oct. 22, 1907.

City of Beloit.

TELEPHONE FRANCHISES VOID.

The matter herein relates to free telephone service given in exchange for franchise rights. The question of franchises to telephone companies is covered in finding No. 1 of the decision of the Commission entitled "*In re Free and Reduced Rate Telephone Service*," 2 W. R. C. R. 521. This reads, in part, as follows:

"It has been determined that a municipality has no power to grant a franchise to a telephone company. An ordinance attempting to grant such a franchise is ineffectual and void. *State v. Milwaukee Independent Telephone Co.*, 114 N. W. Rep. 108; *Wis. Telephone Co. v. Milwaukee*, 126 Wis. 1; *State v. Wisconsin Telephone Co.*, 111 Wis. 23.

No. 42.

Oct. 29, 1907.

*Plankinton Electric Light & Power Co.,
Milwaukee, Wis.*

PROMPT PAYMENT DISCOUNT.

In the above entitled matter application was made for authority to put into effect a tariff reducing rates for electric service upon the payment of bills for such service on or before the 10th of the month next following in which the current is consumed.

Application approved.

No. 43.

Oct. 25, 1907.

Geo. H. Batho, *vs.*
Plum City, Wis.

Grange-Hall Telephone Co.

CONTRACTS BETWEEN TELEPHONE COMPANIES.

The complainant herein alleged that the above mentioned company had raised its rates for "switching service" since April 1, 1907. An investigation of the matter seemed to indi-

cate that complainant was one of a farmer telephone company furnishing service to the public and connected with the above named telephone company.

Held: That under this statement of facts, the Commission has no jurisdiction in the matter; telephone companies are free to make such contracts with their connections and charge such rates at such times and in such manner as they choose.

No. 44.

Oct. 28, 1907.

*Peoples Telephone Co.,
Lime Ridge, Wis.*

REPORTS FOR SUB-EXCHANGES.

Stating that it is operating a number of small exchanges and inquiring if it is necessary to report for each of these exchanges.

Held: Such report is necessary.

No. 45.

Oct. 28, 1907.

Wisconsin Telephone Co.

REDUCTIONS OF TELEPHONE RATES.

The inquiry in the above matter was, whether or not it is necessary to apply to the Commission for authority to put into effect tariffs involving reductions in rates.

Held: That no application is necessary in the above entitled matter, except where it is desired that such rates shall become effective in a less period than the time prescribed by statute.

No. 46.

Oct. 28, 1907.

*Washburn Electric Light & Power Co.,
Washburn, Wis.*

DISCRIMINATION IN LIGHT RATES.

In the matter herein the Commission was advised that the above named company had been furnishing electricity for lighting purposes in a business house at Washburn in which there were a number of lights used but little; that their charges were all based on flat rates; that for the number of lights used in the building in question, the rate charged was less than its published schedule rates; and inquiring whether this was discriminatory or not.

Held: It was discriminatory.

No. 47.

Oct. 28, 1907.

Chas. W. Graves,
Viroqua, Wis.

UTILITIES MUST INCORPORATE.

In the above entitled matter the complainant stated that sec. 77 of the Public Utilities Law contained a serious defect, in that no public utility except a corporation duly organized under the laws of Wisconsin could secure an indeterminate permit by surrendering its franchise.

Held: That the intent of the legislature, as shown in the law, was that of inducing all utilities doing business in the state to incorporate, for the reason that the state could exercise more efficient control over corporations organized under its laws than it could over individuals; that owners of utilities could incorporate and take the title to such utility, and thus secure the advantages offered by an indeterminate permit.

No. 48.

Oct. 15, 1907.

City of Hartford.

MUNICIPALIZATION OF ELECTRIC PLANT.

In the matter herein, P. Westerberger, mayor of the above named city, addressed a communication to the Commission, stating that the city purposed acquiring an electric light plant, and asked advice of the Commission relating thereto.

Complainant was furnished with citation of authorities having a bearing upon the matter in question.

No. 49.

Oct. 23, 1907.

De Pere Electric Light & Power Co.,
De Pere, Wis.

INDETERMINATE PERMITS. PROPOSED FRANCHISE RATES SUBJECT TO THE JURISDICTION OF THE COMMISSION.

The above entitled matter relates: 1. To an inquiry made, whether or not a rate of \$1.50 per 1,000 feet of gas in a proposed franchise ordinance, which was being considered but had not been adopted at the time of the enactment of the Public Utilities Law, would be held to be the legal rate;

2. Whether the city could grant a franchise in view of the passage of the Public Utilities Law, or must the company apply, to the Commission for a franchise;

3. Whether the company could apply to the Commission for authority to increase its rates, if such rates were found to be too low;

4. Considering the fact that, if the above named company took a franchise, it would be indeterminate, then could the city grant a franchise to a competing company.

Held: 1. The Commission has jurisdiction to consider the reasonableness of rates charged by public utilities where such rates are based upon contracts made since April 1, 1907.

2. The Commission does not grant franchises. They are still granted by the municipality, and no application is made to this Commission except in cases where utilities are operating under indeterminate permits.

3. Within the provisions of sec. 1797m—105, any public utility may apply to the Commission for authority to increase its rates.

4. In localities where there is a utility operating under an indeterminate permit, no franchise can be granted by such municipality without applying to this Commission for an order showing that public convenience and necessity require the construction of such additional utility.

No. 50.

Nov. 4, 1907.

L. A. Turner,
Boyd, Wis.

TOLL CHARGES.

Inquiry as to whether this Commission has ordered telephone companies to charge farmers toll "from town to their farms."

Complainant was advised that this Commission has made no such order; that no telephone company at Boyd has filed any rates with the Commission, and that, upon receipt of more complete information, complainant would be advised fully concerning his rights.

No. 51.

Nov. 4, 1907.

E. B. McGilvary, vs. *Dane County Telephone Co.*
Madison, Wis.

ALLEGED OVERCHARGE FOR TELEPHONE.

Complainant herein alleged that the above named company had, without the knowledge or consent of complainant, substituted four-party service in place of two-party service as contracted for, without making reduction of rate on account of the inferior service, and praying that the two-party service be ordered restored and overcharge refunded. Later the Commission was advised that the matter was in the way of satisfactory adjustment.

No. 52.

Nov. 8, 1907.

Carter & Pedrick,
Ripon, Wis.

REDUCTION OF TELEPHONE RATES; APPLICATION NOT NECESSARY.

The above named firm of attorneys, representing the Ripon Telephone Co., desired a construction of sec. 31 of the Public Utilities Law, concerning changes of rates and application for permission to make such changes. It appeared that the Ripon Telephone Co. did not give its local subscribers free right to talk with the subscribers of the Ripon Rural Telephone Co., but charged a toll of 10 cts. per message, and it was desired that a flat rate of 25 cts. per month be put in effect to be charged such city subscribers as wished to avail themselves of same, this charge to cover all rural messages, but that in case of subscribers electing not to avail themselves of this flat rate, the old toll rate of 10 cts. per message continue to be charged.

Held: That this flat rate would be a reduction to those subscribers who availed themselves of it; that in case of reductions of rates no application to the Commission for authority is necessary, only that the reduced rate be filed with the Commission ten days before becoming effective.

No. 53.

Nov. 7, 1907.

Mellen Water & Light Co.,
Mellen, Wis.

CONSTRUCTION OF LAW; ELECTRIC CURRENT RATES.

Complainant herein filed notice: 1. That it proposed to reduce certain rates for electric lighting during the months of

October to March, inclusive, asking to be advised whether this could be done without the permission of the Commission.

2. Whether it could recover for loss by meters damaged while in the possession of its customers..

Held: 1. No approval by the Commission is necessary in case of reduction of rates, but a change in rates can only be made ten days after filing with this Commission a copy of tariff showing the same.

2. The question of loss or damage to meters in the possession of individuals is one outside of the jurisdiction of this Commission and under that of the courts.

No. 54.

Nov. 9, 1907.

Fred T. Yates,

Washburn, Wis.

CONSTRUCTION OF LAW; RATES FOR CURRENT.

Inquiry 1, whether a 7 ct. rate to depot is discriminatory when other consumers pay 10 cts. per kilowatt; 2, inquiring whether it is permissible under the law to give free telephone service to depots and to a certain business man who turns over all his toll business.

Held: 1. Rates lower than those charged to the general public are discriminatory.

2. Free telephone service to depots and to a business man is absolutely prohibited.

No. 55.

Nov. 14, 1907.

H. F. Camm,

Green Bay, Wis.

POWER OF COUNCIL OVER TELEPHONE WIRES.

Inquiry 1, as to whether power is vested in the common council to order a telephone company to place its wires underground; 2, also as to whether an agreement between the common council and the telephone company to remove the wires after seven years would be legal and binding.

Held: 1. That power is vested in the common council to order a telephone company to place its wires underground.

2. It would be improper for the Commission to express an opinion and that the matter should be referred to the city attorney.

No. 56.

Nov. 16, 1907.

*Mineral Point Electric Light Co.,
Mineral Point, Wis.*

INDETERMINATE PERMIT.

Inquiry as to what course it is necessary to take to surrender franchise and receive therefor an indeterminate permit.

Held: In order to receive an indeterminate permit, a public utility corporation may file at any time before the expiration of its franchise, and before July 1, 1908, with the clerk of the municipality which granted the franchise, and with this Commission, a written declaration, legally executed, that said franchise is surrendered by said company, and that the company will receive, by operation of law, in lieu thereof, an indeterminate permit. No action is required by the Commission.

No. 57.

Nov. 16, 1907.

*C. F. Shuler,
Dayton, O.*

INDETERMINATE PERMITS.

Inquiry regarding the Wisconsin Public Utilities Law, as to extent of control by Commission over franchises granted by municipalities. Information was given as to method of municipality taking over utility under indeterminate feature of the law.

No. 58.

Nov. 19, 1907.

*Stange Lumber Co.,
Merrill, Wis.*

WHAT CONSTITUTES A PUBLIC UTILITY.

In the above entitled matter John Van Hecke, attorney for the above named company, addressed a communication to the Commission stating that it is a lumbering corporation, not authorized in its articles of incorporation to operate an electric light plant except in connection with the operation of its usual mill and manufacturing plant. That it has no franchise from the city of Merrill and is not furnishing light for the public.

That A. H. Stange is the principal stockholder in the above named company and also in the Hotel Badger Co. and in the Lincoln County Bank.

That the above named company is lighting the hotel controlled by the hotel company, the building used by the bank, and the homes of four directors of the Stange company, and the home of its attorney, but does not feel that it is under any obligation to furnish light to other persons.

Held: That under the circumstances above recited, and in view of sec. 1797m—1 of the Public Utilities Law, which defines a public utility to "mean and embrace every corporation * * * that now or hereafter may own or operate * * * any plant * * * for the production and transmission * * * of light * * * either directly or indirectly to or for the public," the above named company is a public utility.

No. 59.

Nov. 19, 1907.

*Two Rivers Water & Light Co.,
Two Rivers, Wis.*

REPORT FOR FISCAL YEAR.

Informal application for permission to include months of March, April, May and June of 1907 in annual report, on account of the fact that the fiscal year of the plant ends with the last day of February. Applicant was advised that permission asked for would be granted as to the first report, but that subsequent reports must cover the twelve months ending with the last day of June.

No. 60.

Nov. 18, 1907.

*Lapp & Sturmer,
Dorchester, Wis.*

FREE TELEPHONES FOR AGENTS.

Inquiring as to whether telephones placed in the homes of agents at Green Grove, Curtin and Millen must be charged for.

Held: That no charge need be made for this service so long as the agents use these telephones in connection with the business of the company, which they handle as such agents.

No. 62.

Nov. 21, 1907.

*Barron County Telephone Co.,
Rice Lake, Wis.*

FREE TELEPHONE SERVICE.

The above named company inquired whether it was at liberty to continue in service free of charge a telephone in the joint depot of the "Omaha" and the "Soo" lines at Cameron, said telephone being used entirely in connection with the joint business of the Western Union Telegraph Co. and the Barron County Telephone Co. In view of the fact that this question had not previously been before the Commission, it was deemed improper to express informally an opinion thereon, but the telephone company was referred to the provisions of the Public Utilities Law.

No. 63.

Nov. 21, 1907.

*Richfield, Hubertus & Holy Hill Telephone Co.,
Richfield, Wis.*

APPLICATION TO REDUCE TELEPHONE RATES.

The above named company applied for authority to reduce its rate of 15 cts. between Hubertus and Menomonee Falls to 10 cts., and was advised that utilities could reduce their rates without application to the Commission.

No. 64.

Nov. 7, 1907.

*Hand Knit Hosiery Co.,
Sheboygan, Wis.*

REQUEST FOR ELECTRIC METER INSPECTION.

The above named company complained of marked advances in monthly bills for power, and ascribed the cause of the trouble to an incorrect meter measurement of the current supplied by the Sheboygan Light, Power and Railway Co. Complainant applied for blanks upon which to make formal complaint against the utility, and also applied for an inspection of the meter. The Commission was afterwards advised that the matter had been satisfactorily adjusted.

No. 65.

Nov. 26, 1908.

*La Crosse Telephone Co.,**La Crosse, Wis.*

FREE SERVICE TO CHARITABLE AND RELIGIOUS INSTITUTIONS.

The above named company, by its attorney, George W. Gordon, made inquiry as to whether it is lawful under the Public Utilities Law to give telephone service free or at reduced rates to a city or county, or to charitable and religious institutions.

Held: Such service is prohibited. City and county, and charitable and religious institutions, must be charged the same rates for the same service that individuals or corporations are charged.

No. 66.

Nov. 25, 1907.

*Andrews & Rush,**Loyal, Wis.*

VALIDITY OF LIGHTING FRANCHISE.

Inquiring whether the village of Loyal, proposing to establish a lighting plant, could do so without applying to the Commission for a certificate of public convenience and necessity, in view of the facts that a private individual has an unexpired franchise and a contract to furnish lights to the village, a provision of said contract being, that in the event of his abandonment of the operation of the plant, the franchise shall be null and void, and it being the fact that he has so abandoned the operation of the plant.

Held: That the question turns upon the validity of the exclusive franchise given the individual, and as to the surrender of the franchise under the contract by abandoning the operation of the plant. On these questions the Commission expressed no opinion.

No. 67.

Nov. 25, 1907.

*Appleton Water Works Co.,**Appleton, Wis.*

PENALTY FOR FAILURE TO PAY PROMPTLY.

The above named company advised the Commission that it had applied a rule assessing a penalty of 10 per cent, in addition to regular quarterly bills, for water service, in such cases where consumers failed to pay within a month after the bills

were due, and desired an opinion by the Commission as to the legality of this rule. The rule in question was in effect before April 1, 1907, and did not amount to an increase in rates, and the company was advised that the Commission could see no objection to its enforcement.

No. 68.

Nov. 26, 1907.

*Unity & Western Telephone Co.,
Unity, Wis.*

MUTUAL TELEPHONE COMPANY NOT A PUBLIC UTILITY.

The above named telephone company, a mutual organization having as subscribers its stockholders and no others, found it necessary to raise money for the purpose of making needed repairs to its line, and assessed each stockholder \$3.50 as line rental. Some of the stockholders objected, declaring this to be in effect a raise of rates and in conflict with the Public Utilities Law.

Held: That the company is merely an organization of individuals for mutual convenience, and not a public utility subject to supervision by the Commission.

No. 69.

Nov. 23, 1907.

*Sheboygan Light, Power & Railway Co.,
Sheboygan, Wis.*

APPLICATION OF MINIMUM CHARGE FOR CURRENT.

Inquiry as to whether the minimum charge of \$1.00 per month would necessarily govern, in case a contract were made by the company to furnish power to a factory just outside the city limits, said contract including an agreed minimum of \$600 a year, and the furnishing of such service necessitating an extension of line costing some \$2,500. The above company desired not to make the expenditure unless the stipulated minimum for this factory service, \$600, would stand, and not have to be waived in any event in favor of the ordinary minimum of \$1.00 a month.

Held: A public utility may establish a new rate for a new class of business under different circumstances and conditions

from any service it has heretofore rendered, and such new rate is not an increase in its rates which would require an application to the Commission under the provisions of sec. 1797m—105 of the Public Utilities Law.

No. 70.

Nov. 27, 1907.

Mineral Point Electric Light Company,
Mineral Point, Wis.

FREE ELECTRIC SERVICE TO CHURCHES AND FIRE DEPARTMENT.

Inquiry as to whether it is lawful to provide free service to churches, public library and the fire department.

Held: That it is not permissible to furnish electric lights free or at reduced rates not open to the general public, to churches or to the municipality, unless the rates are based upon a contract made prior to the passage of the law. It may be that reduced rates to churches can be justified on account of the time lights are used, but if this is the case, the same rate must be open to all parties using light under the same circumstances and conditions.

No. 71.

Nov. 28, 1907.

Milwaukee Optical Manufacturing Co., *vs.*
Milwaukee, Wis. *Wisconsin Telephone Co.*

INTERIOR TELEPHONE SYSTEM.

Complainant herein alleged, that the charges of the above mentioned telephone company for private interior systems used in connection with the exchange, were prohibitive, and desired to know if it would be permissible for it to install, at its own expense, a private interior system and connect it with the system of the above named telephone company.

Held: The question herein involves the reasonableness of the rate charged for the service, and that could be brought before the Commission by filing a formal complaint.

No. 72.

Nov. 29, 1907.

W. G. Race, *vs.* *Wisconsin Telephone Co.*
Oconomowoc, Wis.

ALLEGED ILLEGAL ADVANCE IN TELEPHONE RATES.

Complainant herein alleged that the above named telephone company had advanced its rates in the city of Oconomowoc from

\$1.50 to \$2.00 per month for residence service, and from \$2.00 to \$2.50 for business service, and protesting that such advance was illegal, as the increased rates were more than other cities of the same size are paying.

The correspondence developed that the apparent raise of rates was pursuant to a contract made in April, 1906, when an agreement was made to change the service from a grounded service to a full metallic circuit. See *Doyle v. Wis. Tel. Co.*, informal complaint No. 5.

No. 73.

Dec. 2, 1907.

*Janesville Water Co.,
Janesville, Wis.*

DISCRIMINATIONS IN RULE FOR PAYMENT.

The above named company advised the Commission that its rules require the payment of all bills for water within twenty-five days after same are due, and asked whether the company could allow parties who are sick, absent from the city, or who have other reasonable excuse, an extension of time in which to make payment, without violating the Public Utilities Law.

Held: If the rules of the company provide that discounts can only be allowed if bills are paid on or before a certain date, any extension of that time would amount to a discrimination.

No. 74.

Dec. 2, 1907.

*Burne Pollock, vs. Wisconsin Telephone Co.
Lancaster, Wis.*

ALLEGED ILLEGAL RAISE OF TELEPHONE RATES.

Complainant herein, a newspaper publisher, alleged that the above named company had given notice of an advance of rate from \$1.25 to \$2.50 per month. Complainant was advised that if the lower rate was in effect on April 1, 1907, it was the legal rate and could not be advanced without application and hearing before the Commission. It later developed that the rate in question was a "special rate" allowed to newspapers, and was proposed by the telephone company to be withdrawn as a discrimination against other business houses. The matter was not brought formally within the jurisdiction of the Commission. See decision of the Commission *In re Free and Reduced Rate Telephone Service*, Finding 2, 2 W. R. C. R. 542.

No. 75.

Dec. 2, 1907.

*Wisconsin & Northern R. R. Co.,
Oshkosh, Wis.*

BEGINNING OF TELEPHONE BUSINESS.

The above entitled railroad company advised the Commission that it was erecting a pole line along its route from Shawano to Van Ostrand, 37 miles, that it was to establish a telephone system for use in operating its trains, and that it proposed to allow the public to use the line, and the company desired to be advised as to the obligations it would assume thereby under the provision of the Public Utilities Law, and whether it could connect its lines with that of another company.

Information was forwarded as requested, advising the company that a schedule of rates might be established by filing same with this Commission ten days prior to the same becoming effective, that if the public be dissatisfied with said rates they might complain to the Commission, and that nothing in the law would prevent the connection of the proposed system with that of another company.

No. 76.

Dec. 3, 1907.

City of Eau Claire.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

Asking for construction of paragraph 1, section 91, of the Public Utilities Law, with reference to the payment by the city of its lighting bills in time to take advantage of the discount offered by the lighting company on bills payable on or before a certain date. It appeared that these bills had to be audited and allowed by the city council, and that the time of the meetings of the council did not permit this auditing within the period allowed for the discount.

Held: That no exception can be made in this matter. If the general public must pay its bills within a given time in order to get the discount, the city must also pay its bills in the same manner. The lighting company might extend the time to all users or the city council could change its time of meeting.

No. 77.

Dec. 3, 1907.

*E. H. Olds,**Appleton, Wis.*

REQUIREMENT OF ADVANCE PAYMENT.

Complainant herein alleged that the local water company was requiring payment in advance for water, and complainant took the view that bills were not to be considered due until after "the goods were delivered." Complainant was advised that this proposition had been previously submitted to the Commission and it was held that the rule was not unlawful, so long as it applied to all consumers alike without discrimination.

No. 78.

Dec. 6, 1907.

*N. E. Bersing,**Eleva, Wis.*

PHYSICAL TELEPHONE CONNECTIONS.

Inquiry as to whether the Public Utilities Law provides for compulsory connections between telephone companies.

Held: That the law does not provide means for compelling connections between telephone companies if either company interested object to such a proposed connection.

No. 79.

Dec. 5, 1907.

*W. P. Roseman,**Watertown, Wis.*

RESIDENCE RATES FOR TELEPHONES IN LIBRARIES.

Inquiry as to whether it would be deemed a discrimination for a telephone company to charge for service in a public library the rate charged for residences. Matter was referred to the telephone company in the absence of sufficient facts to enable the Commission to determine the question. No classification was made, but the informal opinion was given that a library was not a residence, and that if the telephones were classified as residence and business, the library would clearly come under the classification of a place of business rather than a residence. See Finding 2 *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 542.

No. 80.

Dec. 6, 1907.

*Edgerton Telephone Company,
Edgerton, Wis.*

DISCOUNT FOR ADVANCE PAYMENT.

The above named company asked whether it would be proper to make contracts for a year and allow a discount of 10 per cent for payment in advance.

Held: That such practice would be proper if rates are not increased nor discriminatory.

No. 81.

Dec. 5, 1907.

*Lapp & Sturmer,
Dorchester, Wis.*

INDETERMINATE PROVISION OF PUBLIC UTILITIES LAW DOES NOT APPLY TO TELEPHONE COMPANIES.

The above named firm represented to the Commission that said firm had received a telephone franchise from the village of Dorchester, had established the exchange and was furnishing good service, and asked to be advised whether the village could lawfully grant another franchise to a competing company.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies.

No. 82.

Dec. 9, 1907.

*Blodgett Milling Co., vs. Beloit Water, Gas & Electric Co.
Janesville, Wis.*

WHOLESALE RATES FOR POWER.

Complainant herein, operating an elevator in the city of Beloit, entered into a contract with the above named electric service company to furnish current for power, at a rate "that would cost complainant about the same as steam power," with a minimum charge of \$7.50 per month, but that the service company had taken the matter up with complainant and represented that "on account of the passage of the Utility Bill," they would have to charge regular rates. Complainant asked to be advised whether the new law would cancel existing contracts, and whether the minimum rate was reasonable, it being the same as given to other customers.

Held: That the Commission is not possessed of means of knowing whether the rate of \$7.50 a month is reasonable for

the service furnished, and does not express an opinion as to that question; that as to the contract in question, it is customary for companies doing business in the state to make wholesale rates for power, and that such wholesale rates are allowable if granted to all alike under similar circumstances and conditions; also, that the Public Utilities Law does not cancel or affect contracts in force at the time of the enactment of said law, until such contracts shall be terminated or renewed.

No. 83.

Dec. 9, 1907.

*Farmers Inter-County Mutual Telephone Co.,
Kilbourn, Wis.*

FREE TELEPHONE SERVICE TO RAILROADS.

The above named telephone company asked to be advised whether free service to a railroad company in depot and to station agents at their residences is prohibited by the Public Utilities Law.

Held: That such practice is prohibited by the law. See Finding 3. *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543.

No. 84.

Dec. 10, 1907.

*Burlington, Rochester & Kansasville Telephone Co.,
Burlington, Wis.*

FREE TELEPHONE IN DEPOT.

Inquiring whether free service in railroad depot is discrimination or otherwise prohibited under the Public Utilities Law.

Held: That such practice is prohibited; that railroads can be compelled to provide telephone service in depots. See Finding 3 *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 543.

No. 85.

Dec. 12, 1907.

*J. Hochstein,
Hudson, Wis.*

WITHDRAWAL OF FREE TELEPHONE SERVICE.

Complainant herein remonstrated against the withdrawal by the Northwestern Telephone Exchange Co. of the privilege of using the farmer lines free of toll charge. The Commission ad-

vised the company that the withdrawal of these privileges appeared to constitute an increase in rates and could be done only after application to the Commission, according to the provisions of the Public Utilities Law. The company, however, maintained that such privileges were accorded irregularly by local managers, but were cut off upon instructions from the general offices of the company, pursuant to the provisions of the Public Utilities Law, and the matter was not carried farther by the complainant.

No. 86.

Dec. 5, 1907.

W. M. Steele,

Superior, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

The above, attorney for the Douglas County Telephone Co., propounded to the Commission, pursuant to an invitation extended at the conference with telephone companies, held at Madison in August, 1907, a series of questions involving construction of the Public Utilities Law, with particular reference to free and reduced rate service, the questions and the holdings thereon being as follows:

1. Where rules of company require payment quarterly in advance within thirty days, may discount be allowed to customers who pay monthly in advance?

Held: That such practice would be discrimination, unless provided for in its legally published schedules of rates.

2. May a utility allow the United States government to pay at end of quarter and still derive benefit of discount for advance payment, since federal regulations prohibit payments in advance?

Held: Such practice would constitute discrimination.

3. Would it be discrimination if any subscribers were, for any reason, allowed to enjoy the discount for advance payment if payment be made after the date specified in the rule?

Held: That such departures from the rules would be discriminatory.

4. May free service be given for a limited time as an advertisement or inducement to secure new subscribers; and is a limited call service permissible, applied only to new subscribers, also as an advertisement to induce new business?

Held: All such variations from the published rates, open to some persons and denied to others, are discriminations.

5. Is it permissible to offer special rate for business and residence phones on special wire?

Held: Such practice is not discrimination if the offer is held out to all patrons alike.

6. Can free service be continued to municipality where the franchise calls for certain free service?

This question was not passed upon at this time, but later it came before the Commission and it was

Held: That as telephone utilities do not require franchises granted by localities, but get their franchise rights from the state, a so-called franchise granted by a locality does not constitute a contractual relationship such as to protect and continue free service under such pretended grant or franchise, and that such free service is prohibited by the Public Utilities Law. The so-called franchise is void, under the ruling of the supreme court in *State v. Milwaukee Independent Telephone Co.*, 114 N. W. Rep. 108. The only authority vested in the city under sec. 1778 is that of the exercise of the police power.

No. 87.

Dec. 9, 1907.

Taylor Feed Co.,

Platteville, Wis.

CONSTRUCTION OF LAW; TELEPHONE RATES.

Inquiring whether Platteville, Rewey & Ellenboro Telephone Co. may furnish house phones to those who purchased stock while offer was held out, and whether the withdrawal of this offer constitutes a discrimination against new subscribers.

More definite information was asked for by the Commission, which was not furnished.

No. 88.

Dec. 14, 1907.

Ripon Light & Water Co.,

Ripon, Wis.

ELIMINATING DISCRIMINATORY RATES.

Inquiring whether a utility, having in force discriminatory rates and desiring to discontinue the same, must apply to the Commission for authority.

Held: That all discriminations are prohibited by the Public Utilities Law, and that in case of change or equalization of rates, schedule covering such rates should be filed with the Commission; if such equalization involves an increase of rates, application must be made for authority.

No. 89.

Dec. 18, 1907.

Frank Winterling,

Pt. Atkinson, Wis.

ELIMINATING DISCRIMINATORY RATES.

Inquiry as to whether a utility must file changes of rates with the Commission in cases of changes of rates made in order to eliminate discrimination, so as to relieve the utility from the penalties for discrimination.

Held: That authority must be secured from the Commission to increase rates, whether increased for the purpose of eliminating discrimination or for other reason.

See *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 90.

Dec. 18, 1907.

Unity & Western Telephone Co.,

Unity, Wis.

MUTUAL TELEPHONE ASSOCIATION, WHEN A PUBLIC UTILITY.

The above named company, a private association for the benefit of its stockholders, desired to be advised whether it would be required to furnish service to the general public, once it began to furnish service to anyone outside of the association.

Held: That the furnishing of service to persons outside of the association constitutes public utility business, in which case the company is required by law to furnish service to the public generally, without discrimination.

No. 91.

Dec. 11, 1907.

Highland Commercial Club,

Highland, Wis.

PHYSICAL TELEPHONE CONNECTIONS.

Inquiry by the above named organization as to whether one telephone company can be required to make physical connection with another company's system.

Held: That no such provision is contained in the statutes.

No. 92.

Dec. 16, 1907.

*Platteville, Rewey & Ellenboro Telephone Co.,
Platteville, Wis.*

SPECIAL TELEPHONE RATES TO STOCKHOLDERS.

The above named telephone company inquired whether the continuance of special rates to certain buyers of stock, the giving of which special rates was in part consideration for the purchase of the stock, is discrimination; whether the same rates as are charged stockholders must be charged the general public; whether application must be made to the Commission to "level" rates, and if the company has a right to cut out one telephone in cases where two instruments are maintained on one share of stock.

Held: That contracts providing for lower rates than those given to the general public, such contracts being made prior to April 1, 1907, are declared by the Public Utilities Law, sec. 91, not to be discriminatory; that a public utility must charge stockholders the same rates as those charged the general public for the same service under the same circumstances and conditions; that if the process of "leveling" rates involves the raising of any rates, application for authority to make such change must be made to the Commission; that the right of the company to cut out certain telephones depends upon the nature of the contracts under which such telephones were secured. See *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521.

No. 93.

Dec. 16, 1907.

*Price County Telephone Co.,
Phillips, Wis.*

FREE TELEPHONES.

Inquiry as to whether it is allowable under the Public Utilities Law to maintain free telephones in city offices, when the franchise of the company stipulates such free service; also whether free service to depots is allowable under the law.

Held: That there can be no discrimination in public utility rates; that free service to railroad depots and to city offices is discriminatory and forbidden as a general proposition, but if a valid contract was made with the city prior to April 1, 1907, such contract will not be disturbed during its life time. See *Finding 3, In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 521, 543.

No. 94.

Dec. 13, 1907.

*Ripon Light & Water Co.,
Ripon, Wis.*

ENFORCEMENT OF DISCOUNT RULE.

The above named company inquired whether it would be chargeable with discrimination if it allowed some customers to enjoy the prompt payment discount if they were not absolutely within the time specified.

Held: That if a rule providing for a discount for prompt payment, for stopping the water in case of delinquency, and for fine or penalty or other charge for turning on the service, is to be enforced at all, it must be enforced against all consumers alike.

No. 95.

Dec. 21, 1907.

*Albert H. Sanford,
Stevens Point, Wis.*

SHORT TERM TELEPHONE CONTRACTS.

Inquiry whether Wisconsin Telephone Co. has a right to insist upon yearly contracts and refuse to write contracts for a shorter period.

Held: That the question has never been passed upon by the Commission and would have to be brought up as a formal matter in order to reach a decision.

No. 96.

Dec. 21, 1907.

*Thomas R. Mundy,
Dodgeville, Wis.*

MUNICIPAL ELECTRIC PLANT.

Asking whether a municipality may construct an electric lighting plant when an existing private corporation holds a franchise and is in operation, but not under an indeterminate permit.

Held: The municipality may grant another franchise or, if there is not already in operation under an indeterminate permit another utility giving the same service, construct a municipal plant, but that the present company can, within the time prescribed in the Public Utilities Law, surrender its franchise

and acquire an indeterminate permit, after which it would be necessary for the city to obtain a certificate of public convenience and necessity before the municipal plant could be constructed.

No. 97. Dec. 18, 1907.
John Luchsinger, *vs.* *Monroe Telephone Co.*
Monroe, Wis.

SHORT TERM TELEPHONE CONTRACTS.

Complainant herein alleged that the above named telephone company refused to serve new subscribers unless they signed contracts for at least a year.

Held: That decision in the Brodhead case goes only to the question of the continuance of contracts and the power of either party to terminate them, and does not deal with the right of a company to insist upon a yearly contract.

No. 98. Dec. 28, 1907.
Citizens' Telephone Co.,
Racine, Wis.

MEASURED TELEPHONE SERVICE IN DEPOTS.

Inquiry as to whether installation of measured service in railroad depots would be discrimination, in view of the fact that most of the business of the company is on the flat rate basis.

Held: That the proposed service to depots would not be discriminatory if the company allowed the same arrangement to be had by the public generally.

No. 99. Dec. 31, 1907.
Fred Dugdale,
Platteville, Wis.

CHARGE FOR GIVING AWAY WATER.

The above complainant desired to be advised whether the Platteville Water Works could legally charge him twice the minimum rate of \$2 for water, because he gave his neighbor some water from his faucet, the meter registering less than the amount allowed for the minimum charge. The matter was referred to the city authorities, who insisted on the additional

charge, referring to action taken by the city council, and the complainant was advised that he might file a formal complaint and thus bring the matter before the Commission; but no further action was taken.

No. 100.

Jan. 6, 1908.

E. W. Le Roy,

Marinette, Wis.

ALLEGED RAISE IN RATES.

Complainant herein alleged that the light and traction company of Marinette had made an illegal advance in rates, such as complainant submitted was in violation of the Public Utilities Law, and he asked to be advised whether the additional charges so exacted were recoverable.

The matter was taken up with the company, and the Commission was advised that there had been no raise in rates from the regular schedule in force when the Public Utilities Law took effect, and which schedule was filed with the Commission, but that discrimination had developed in the business in that some favors were shown, and that the apparent raise was elimination of discrimination.

No. 101.

Dec. 21, 1907.

Thomas M. Priestly,

Mineral Point, Wis.

POWERS OF COMMON COUNCIL.

Inquiry as to whether the common council may pass an ordinance fixing a reasonable charge for the use of the streets by a utility operating under an indeterminate permit, and whether the common council can compel a utility to bear the expense of putting in additions and extensions.

Held: That owing to the importance of the first inquiry, the Commission deems it wise to withhold making a decision until the point is raised in a formal complaint; that as to the second inquiry, the common council may require all additions and extensions demanded by growing communities.

No. 102.

Jan. 6, 1908.

*Pedersen Bros.,
Luck, Wis.*

DEFINITION OF UTILITY; LIGHTING.

Inquiry as to whether the above firm is a public utility company, it having obtained a franchise to furnish electric light and power and to light the streets of the village, and having constructed a plant.

Held: That this firm comes within the definition of a public utility and is subject to the provisions of the Public Utilities Law.

No. 103.

Dec. 31, 1907.

*Mondovi Telephone Co., vs. Wisconsin Telephone Co.
Mondovi, Wis.*

CONSTRUCTION OF TELEPHONE CONTRACT.

Complainant herein alleged that the Wisconsin Telephone Co. had given notice that it would terminate a contract between the two companies, because of a disagreement over terminal charges, and asking whether physical connections could be compelled outside of contract obligations, and whether the Wisconsin Telephone Co. is guilty of discrimination by charging more to the complainant company for use of instruments than is charged to other companies for the same instruments.

Held: That the Commission has no jurisdiction over contracts between companies; that no physical connection can be compelled under the Public Utilities Law, and that the matter of charges by one company to another company for use of instruments, is a matter of contract between the two companies.

No. 104.

Jan. 4, 1908.

*Boscobel Telephone Co.,
Boscobel, Wis.*

TELEPHONE DISCRIMINATIONS.

Inquiry whether the practice of charging some subscribers on farmers' lines for use of "central" and not others, is discrimination.

Held: Such practice is discriminatory.

No. 105.

Jan. 3, 1908.

*E. W. Paulson,**Chilton, Wis.*

DEFINITION OF UTILITY; LIGHTING.

Inquiry as to whether a corporation which furnishes electric current to some private parties, but does not operate under any franchise and does not string its wires or erect its poles on any public highway, comes under the provisions of the Public Utilities Law.

Held: That such a corporation is a public utility.

No. 106.

Jan. 1, 1908.

*A. W. Sanborn,**Ashland, Wis.*

DISCRIMINATION IN COLLECTIONS.

Inquiry as to whether practice of allowing some patrons of a utility to enjoy the prompt payment discount, even though they make payment after the date specified in the prompt payment discount rule.

Held: That such practice is discriminatory; that such a rule, if enforced at all, must be applied to all alike.

No. 107.

Jan. 9, 1908.

C. Eissfeldt, *vs.**Wisconsin Telephone Co.**Wauwatosa, Wis.*

ALLEGED INCREASE OF TELEPHONE RATES.

Complainant herein alleged that the above named telephone company had advanced its rates to the Lutheran Children's Home from \$30.00 to \$96.00 a year. The matter was taken up with the company, and it was represented that the former rate charged was a discrimination and not according to the schedule on file with the Commission, and that the change was made in accordance with an effort by the company to eliminate discrimination, in obedience to the Public Utilities Law. See Finding 2, *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 542.

No. 108. Jan. 7, 1908.
J. H. Warner, vs. *Wisconsin Telephone Co.*
3706 Galena Street, Milwaukee, Wis.

ALLEGED OVERCHARGE FOR TELEPHONE.

Complainant herein alleged that the above named company proposed to enforce a provision of a contract, according to which half of the amount a telephone would earn during remainder of contract period was to be collected when complainant ordered the telephone taken out. Complainant advised the Commission of his understanding that the decision *In re Broadhead Telephone Co.*, 2 W. R. C. R. 113, prevented the enforcement of this provision of the contract.

Held: That the above cited decision goes only to the continuance of contracts made prior to the enactment of the Public Utilities Law and allowed to be renewed from time to time, and does not affect the plain provisions of the contract in question herein.

No. 109. Jan. 7, 1908.
Crandall & Turner,
Burkhardt, Wis.

TELEPHONE IN DEPOT.

Inquiry as to what arrangement could legally be made to continue a telephone in a railroad station, which telephone was taken out because of the prohibition of free service to railroads.

Held: That a telephone might be installed in the station on the measured service plan, or that ch. 614, Laws of 1907, might be invoked.

No. 110. Jan. 7, 1908.
L. B. Gregg,
Wauwatosa, Wis.

ALLEGED EXCESSIVE GAS RATES.

Complaint alleging excessive rates for gas in the city of Wauwatosa. Complainant was advised of the provisions of law and was supplied with blanks for the making of the necessary formal complaint, which complaint was not filed.

No. 111.

Jan. 10, 1908.

*L. Philipson,**Mt. Hope, Wis.*

CHANGE OF TELEPHONE RATES; INCREASE.

Inquiry whether a change of telephone rates, from a flat rate per year for unlimited service to the switchboard fee system, constitutes an increase of rates, the allegation being made that such change would amount to increasing the cost of a telephone about one-third over the present cost to a subscriber.

Held: That such change amounts to an increase of rates and is prohibited, unless application be made to the Commission and authority be granted according to the Public Utilities Law.

No. 112.

Dec. 30, 1907.

*L. P. Fox,**Chilton, Wis.*

CONSTRUCTION OF PUBLIC UTILITIES LAW.

Inquiry as to procedure required by city council when a utility surrenders its franchise and acquires an indeterminate permit.

Held: That the indeterminate permit results by operation of law and not by any act of the municipality.

No. 113.

Jan. 11, 1908.

*Manitowoc & Western Telephone Co., vs.**Branch, Wis.**Rapids & Western Telephone Co.*

PROTECTION AGAINST TELEPHONE COMPETITION.

Complainant in the above entitled matter alleged that the Rapids & Western Telephone Company had built a line into the territory in which the complainant is operating, and asking to be protected against this competition.

Held: That the Public Utilities Law contains no provisions calculated to prevent competition between telephone companies.

No. 114.

Jan. 10, 1908.

Chippewa Valley Electric Railroad Co.

FREE OR REDUCED ELECTRICITY RATES TO EMPLOYEES.

The above named company advised the Commission that it had been furnishing electric lights free to its employes and

would like to know if it could continue this practice; if not, could it give special rates to employes, lower than to the general public.

Held: Free or reduced rates to employes are clearly unlawful.

No. 115.

Jan. 14, 1908.

H. J. Evans,

Wausau, Wis.

ALLEGED DISCRIMINATION IN POWER RATES.

Complainant herein alleged that small consumers of power in the city of Wausau were being discriminated against in that they were being charged more than large consumers. Complainant was advised that the matter would be investigated and a decision rendered if a formal complaint were filed as provided for by law, and blanks for such formal complaint were forwarded but not returned.

No. 116.

Jan. 11, 1908.

S. M. Reinhardy, *vs.*
Burlington, Wis.

Wisconsin Telephone Co.

ALLEGED UNLAWFUL RAISE OF RATES.

Complainant herein alleged that the above named company had raised its charges from \$1.00 per month to \$2.00 per month, and had compelled him to take out one telephone and replace it with another. The change was due to a change from grounded circuit to metallic circuit, but complainant maintained that he ought not to have been compelled to accept metallic service at other than the rates for grounded service, and blanks were forwarded to him with the suggestion that he might present the matter in a formal complaint.

A formal complaint was later filed, but it is still undecided.

No. 117.

Jan. 17, 1908.

The William Doerflinger Co.,
La Crosse, Wis.

COMPULSORY CONNECTIONS.

Complainant herein alleged that it had installed a private interior telephone system, which was connected with the lines

of the La Crosse Telephone Co.; that an application had been made to the Wisconsin Telephone Co. to have it also connect with the same system, so as to enable the complainant to reach the subscribers of both systems over its interior system, and inquiring whether the last above mentioned company could not be compelled to furnish the service asked for.

Held: Such connection would amount to a physical connection between telephone companies, and as such is outside the jurisdiction of this Commission.

No. 118.

Jan. 11, 1908.

Eldon Babcock,

New London, Wis.

MUTUAL TELEPHONE COMPANY NOT A PUBLIC UTILITY.

Inquiry as to whether an organization of eight farmers as a mutual telephone company would constitute a public utility.

Held: That such mutual organization would not constitute a public utility, so long as the organization does not serve the public generally and confines its service to its members.

No. 119.

Jan. 15, 1908.

Viroqua Telephone Co.,

Viroqua, Wis.

FREE TELEPHONE SERVICE TO MUNICIPALITY.

Inquiry whether the Public Utilities Law prohibits the furnishing of free service to a municipality.

Held: That such free service is prohibited as discriminatory against the general public.

No. 120.

Jan. 17, 1908.

Williams & Williams, vs. Oshkosh Water Works Co.
Oshkosh, Wis.

ALLEGED OVERCHARGE FOR TURNING OFF WATER.

Complainant herein alleged that the above named company charged him an extra \$1.00 for turning off water, because of rule concerning prompt payment and delinquencies, but had not in fact turned off the water.

Held: That the charge of \$1.00 was not proper unless the water had in fact been turned off.

No. 121.

Jan. 23, 1908.

*Rev. Paul E. Scheidel, vs. Wisconsin Telephone Co.
Menomonee Falls, Wis.*

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein, a country pastor, set forth that he had attempted to designate to the above named telephone company the persons who should be permitted to call him by telephone, but that the local manager of the company had insisted that the company could not lawfully refuse to make a connection whenever complainant's number had been called for, and that as a result complainant was greatly bothered with calls on trivial matters.

Held: That the Public Utilities Law was intended to correct abuses, but that the legislature did not have in mind such a matter as involved in the complaint herein; that if a subscriber's name appears in the telephone directory, it is an invitation from the subscriber to the telephone company and the general public that subscriber's telephone number may be called for by any one desiring to converse with subscriber, and the only remedy apparent, is to have the number of the telephone changed and the subscriber's name taken out of the directory.

No. 122.

Jan. 24, 1908.

*Knapp Telephone Co.,
Knapp, Wis.*

PROMPT PAYMENT DISCOUNT.

The above named telephone company asked to be advised whether the plan of allowing a reduction for payment of a telephone bill four months in advance constituted a violation of the Public Utilities Law.

Held: Such practice is not a violation, as it amounts to a reduction of rates, but the same privilege must be accorded to all alike.

No. 123.

Jan. 23, 1908.

*City of Burlington,
Burlington, Wis.*

MUNICIPAL WATER PLANT ACCOUNTING.

The above named city, operating a municipal water plant, advised the Commission that in the accounting of said municipi-

pal plant no charge had ever been made for the use of 45 hydrants for fire protection, as such service was intended to cover and off-set interest and depreciation. As the Commission was not informed as to the amount properly creditable for this fire protection service and the amount properly chargeable for interest and depreciation, no opinion was expressed as to whether or not the arrangement was advisable.

No. 124.

Jan. 17, 1908.

Joseph Edwards,
Elroy, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW; TELEPHONES.

Inquiry concerning provisions of Public Utilities Law and asking ruling as to reasonableness of certain rates. Some of the questions were presented with insufficient information or required investigation of local conditions before an answer could be made, but as to other questions, it was

Held: That there is no law compelling telephone companies to connect with one another under any conditions; that it is the purpose of the law to prevent the giving of free service to any one; that reasonableness of toll rates depends upon conditions and cost of service; that a rate offered to certain subscribers must be open alike to all the public.

No. 125.

Jan. 21, 1908.

Clear Lake Telephone Co.,
Clear Lake, Wis.

TELEPHONE IN DEPOT.

The above named telephone company advised the Commission that local business men were desirous of paying the regular rate for a telephone to be maintained in the railroad depot for the use and convenience of the public, and asked whether such an arrangement is contrary to law.

Held: There is nothing in the law to prevent such an arrangement.

No. 126.

Jan. 23, 1908.

*La Crosse Interurban Telephone Co.,
La Crosse, Wis.*

PROPOSAL TO INCREASE TELEPHONE RATES.

The above named company, having purchased certain telephone lines and desiring to readjust and increase rates, requested the Commission to advise as to whether certain rates on farmer lines, acquired by purchase, must be continued in force; whether all free service must be abolished over toll lines or may the company allow subscribers toll privileges free, and what notice must be given of changes of rates or service.

Held: That any increase over the rates in force on April 1, 1907, must be made in the manner prescribed by law, by making application to the Commission for authority; and that as to free toll service, it would be lawful to give such service alike to all subscribers.

No. 127.

In re UNIFORM ACCOUNTING FOR TELEPHONE COMPANIES.

The Commission, on its own motion, undertook an investigation of the systems of accounting in use by telephone companies, which investigation was not completed during the year covered by this report. The results of the investigation will be found in a subsequent report.

No. 128.

Jan. 27, 1908.

*Brodhead Telephone Co.,
Brodhead, Wis.*

TELEPHONE COMPETITION.

The above named telephone company asked to be advised as to the protection offered by the Public Utilities Law, if any, against competition from a line which proposed entering the territory of the complainant.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies.

No. 129.

Jan. 30, 1908.

Badger Telephone Co., vs. Wisconsin Telephone Co.
Oconomowoc, Wis.

ALLEGED VIOLATION OF TELEPHONE CONTRACT.

Complainant herein protested that it had bought the North Lake Telephone exchange, but that the Wisconsin Telephone Co., contrary to contract, gave service to the Merton Telephone Co., which extended its line to North Lake, thereby becoming a competitor of the complainant company.

The matter complained of was outside the jurisdiction of the Commission, but was taken up informally by correspondence with the respondent company, leading to a satisfactory explanation and understanding.

No. 130.

Jan. 27, 1908.

Naylor & McCaul,
Tomah, Wis.

CONSTRUCTION OF UTILITIES LAW.

Inquiry as to whether a proposed issue of stock by the C. A. Goodyear Lumber Co., a corporation operating an electrical lighting plant as an incident to its business, would require authorization by the Commission, said issue of stock to be made for the lumber business and not for the electric lighting plant.

Held: It would be safest, in order to avoid question as to the legality of the stock issue, to make application to the Commission in accordance with ch. 576, Laws of 1907.

No. 131.

Jan. 27, 1908.

Henry D. Ryan,
Appleton, Wis.

COMPLAINT AS TO LIGHTING RATES.

Complainant herein, as city attorney of Appleton, advised the Commission that the common council had ordered complainant to apply to the Commission for adjustment and regulation of the rates for electric lighting, both public and private service, in said city; also that the same corporation serves the cities of Neenah and Appleton, and asking whether these two cities could jointly apply for adjustment of rates.

Held: That each city must make its own formal complaint.

No. 132.

Jan. 30, 1908.

*Oconto Electric Co.,
Oconto, Wis.*

DEFINITIONS OF TERMS.

Inquiring as to definitions of the terms "Fixed Charges," "Maintenance," "Depreciation," "Sinking Funds" and "Reserves."

Held: By "Fixed Charges" is meant interest on bonds, taxes and rentals; "Maintenance" means, or should include, the cost of current repairs and replacement of worn out property; "Depreciation" means, as a rule, the amount set aside above current repairs for replacing property that is worn out, or that must be replaced or reconstructed; "Sinking Funds" and "Reserves" should include money set aside for the redemption of bonds and for other similar purposes, and the latter should show the amounts set aside for other contingencies.

No. 133.

Jan. 31, 1908.

*E. H. Hibbard, vs. Wisconsin Telephone Co.
Milwaukee, Wis.*

ALLEGED DISCRIMINATION IN TELEPHONE SERVICE.

Complainant herein, an attorney at law, advised the Commission that he desired to file complaint against the above named telephone company, on the ground that it charged excessive rates for service and also discriminated against certain classes of "females." Complainant was supplied with blanks for the making of the necessary formal complaint.

No. 134.

Feb. 3, 1908.

*Beloit Home Telephone Co.,
Beloit, Wis.*

INVESTIGATION OF TELEPHONE RATES.

In the matter herein the schedule of rates on file with the Commission indicated that rates were increased between April 1 and September 1, 1907. The matter was taken up with the company, and the Commission was advised that it was incorporated June 19, 1907, and organized July 1, 1907, and acquired no franchise rights of the two old companies whose physical property it purchased, therefore being under no obligation to maintain the rates of the old companies.

No. 135. Feb. 3, 1908.
Frank Kohlmann, vs. *Wisconsin Telephone Co.*
Glenbeulah, Wis.

COMPLAINT CONCERNING TELEPHONE CONNECTIONS.

Complainant herein alleged that an organization of farmers had built a telephone line, and that the above named telephone company refused to connect with said line. The matter was taken up by correspondence with the company, adjustment seemed impossible to bring about by informal procedure, and a draft of a formal complaint was forwarded to complainant.

No. 136. Feb. 3, 1908.
Baraboo Lighting Co.,
Baraboo, Wis.

SPECIAL LIGHTING RATE TO HOTELS.

The above named company asked to be advised whether the granting of a discount from its regular rates to hotels, on account of the all-night load which hotels have, would be considered a discrimination.

Held: Such discount would be considered a discrimination.

No. 137. Feb. 4, 1908.
Marathon Zeigler Telephone Co., vs.
Marathon, Wis. *Marathon County Telephone Co.*

ALLEGED TELEPHONE DISCRIMINATION.

Respondent herein, as shown by its rates on file with the Commission, did not accord complainant as liberal rates as those accorded to other companies. The respondent company advised the Commission that it was willing to readjust if met half-way.

No. 138. Feb. 4, 1908.
Marathon-Zeigler Telephone Co., vs.
Marathon, Wis. *Wisconsin Telephone Co.*

ALLEGED EXORBITANT TOLL CHARGES.

Complainant herein represented that the respondent proposed to compel complainant to pay 50 cents per month for receivers and sign an agreement which in effect would prevent complainant from extending its line. Upon the matter being taken up

with respondent, the Commission was advised that the complainant was laboring under a misunderstanding, but that the matter would be taken up immediately with a view to adjusting the rates complained of.

No. 139.

Feb. 8, 1908.

*Michael Szolonicz et al., vs. Milwaukee Central Heating Co.
481 East Water Street, Milwaukee, Wis.*

ALLEGED EXCESSIVE HEATING CHARGES.

Complainants herein petitioned the Commission for redress, alleging that their bills for service, furnished by the above respondent, were running higher than previously. The matter was taken up informally with the respondent, resulting in an investigation, but not in a satisfactory adjustment between the parties. Formal complaint was not filed.

No. 140.

Feb. 3, 1908.

*Jos. Schauers, vs. Wisconsin Telephone Co.
Oconto, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein verbally alleged that the three-months contracts of the respondent company were exorbitant in rate, as compared with the yearly contracts. Respondent company advised the Commission that the higher rate for short-period contracts was to cover the cost of installation, which was considerable.

No. 141.

Feb. 5, 1908.

*Irving L. Fales,
Fort Atkinson, Wis.*

ALLEGED DISCRIMINATION IN CHARGES FOR ELECTRIC SERVICES.

Inquiry as to whether a municipality can charge a power consumer for his transformer and not charge the light consumer for his transformer, complainant alleging that this practice is a discrimination between the consumer of light and the consumer of power.

Held: That, as the charge appears to have been based upon rates in effect on April 1, 1907, they are the legally published rate, that there is no ruling showing that the practice complained of is discriminatory.

No. 142.

Feb. 12, 1908.

Frank Jobelius,
Oconto Falls, Wis.

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein desired to be advised whether a telephone company could be required to deliver a message to a farmer living within a mile from the public telephone station. The matter being taken up by correspondence, the Commission was advised that the telephone company took the view that it was not in the business of delivering messages, but that its mission was simply to place parties in communication so that they could converse together at a distance, and complainant was so advised.

No. 143.

Feb. 13, 1908.

La Crosse Telephone Co.,
La Crosse, Wis.

SPECIAL RATE FOR OWNERS OF TELEPHONES.

Inquiry as to whether a telephone company may make a different charge to people owning their instruments from the charge made to subscribers who do not own their instruments.

See ruling in informal complaint *in re L. Crandall*, No. 236.

No. 144.

Feb. 18, 1908.

John T. Gittings,
Union Grove, Wis.

FREE TELEPHONE SERVICE.

Inquiry as to whether the furnishing of free telephones to ministers is lawful; and as to whether a railroad company can be required to provide telephone service in its depot.

Held: That the furnishing of free telephones to ministers is directly prohibited by the Public Utilities Law; and that the question of compelling railroads to provide the public with the convenience of telephone service is covered by ch. 614, Laws of 1907.

No. 145.

Feb. 18, 1908.

Chetek Light & Power Co.,
Chetek, Wis.

ALLEGED ILLEGAL RAISE OF LIGHTING RATES.

Complaint was made against the above named company, alleging that at the expiration of \$1-a-month contracts, it had, without authority, charged \$1.80. The matter was taken up with a view to bringing about a settlement by informal procedure, but this proved impossible, and blanks were forwarded for the filing of a formal complaint. Application was afterwards made to the Commission for authority to increase rates, see formal case p. 190, also 2 W. R. C. R. 662.

No. 146.

Feb. 12, 1908.

Unity & Western Telephone Co.,
Unity, Wis.

REFUSAL TO PAY REGULAR TELEPHONE RATES.

Complainant herein alleged that subscribers refused to pay the regular rates.

Held: That the remedy available was to disconnect and remove the telephones of subscribers who refused to pay the regular rates.

No. 147.

Feb. 22, 1908.

John F. Doherty,
La Crosse, Wis.

FREE WATER SERVICE.

Inquiry by city attorney of La Crosse, as to whether the giving of free water service to cemeteries, hospitals, orphan asylums and similar institutions is to be construed as discrimination.

Held: That such free service is prohibited by the Public Utilities Law.

No. 148.

Feb. 25, 1908.

Marquette Telephone Co.,
Montello, Wis.

LOCAL TELEPHONE FRANCHISE.

The above named telephone company inquired as to whether the indeterminate feature of the Public Utilities Law applies

to telephone companies, and whether a telephone company can secure a franchise from a city or village without the sanction of the Railroad Commission.

Held: That the indeterminate feature of the law does not apply to telephone companies.

No. 149.

Mar. 3, 1908.

Masters, Graves & Masters,
Sparta, Wis.

INDETERMINATE PERMIT.

The above named firm of attorneys, representing the Cashton Milling Company of Cashton, Wis., made inquiry as to the method of procedure for a utility to avail itself of the provisions of the indeterminate feature of the Public Utilities Law, which information was furnished.

No. 150.

Mar. 5, 1908.

J. J. Ihrig, *vs.* *Wisconsin Telephone Co.*
Oshkosh, Wis.

ALLEGED TELEPHONE DISCRIMINATION.

Complainant herein alleged that the above named telephone company charged him \$1.75 per month for a four-party line telephone, which complainant declared was excessive and discriminatory. No such rate being contained in the schedule filed by the company, the president thereof was addressed for an explanation. An investigation was promised, and the Commission was advised that the reason for this rate was the fact that the complainant resided outside of the city limits and was not entitled to the rates for subscribers within the city. Complainant was so advised, but he was not inclined to press the matter to a formal complaint. See formal utility case No. 47, *Reinardy v. Wis. Telephone Co.*

No. 151.

Mar. 5, 1908.

Unity & Western Telephone Co.,
Unity, Wis.

CAPITALIZATION AND ABUSE OF RULES.

Inquiring whether the Public Utilities Law affected the increase of stock of a telephone company; and whether a telephone

company had a right to remove the telephone of a subscriber who violates its rules, by connecting on to the system a branch or a connection with another company's system.

Held: The Public Utilities Law does not in any way affect the matter of increase of capital stock of a telephone company, which matter is governed by the articles of incorporation; and that a company would be within its legal rights in discontinuing service to a subscriber who violated its reasonable rules and regulations.

No. 152.

Feb. 27, 1908.

*Case & Poole, vs. Medford Telephone Exchange Co.
Medford, Wis.*

ALLEGED DISCRIMINATION IN TELEPHONE SERVICE.

Complainants herein alleged that the respondent telephone company had refused to install a telephone in the store of the complainants, although requested to do so, and although a telephone was installed in the store of the competitor of complainants. The matter was taken up with the company and a satisfactory adjustment of the situation resulted.

No. 153.

Feb. 25, 1908.

*Menominee & Marinette Light & Traction Co.,
Menominee, Mich.*

JURISDICTION OF COMMISSION.

Inquiry as to the extent of the jurisdiction of the Wisconsin Railroad Commission over utilities.

Held: That the Public Utilities Law confers upon the Commission jurisdiction over utilities operating within this state.

No. 154.

Mar. 5, 1908.

In re COMPETITIVE TELEPHONE LINES.

Requests for information and construction of law were received by the Commission from time to time, regarding the matter of protection to existing telephone companies from competition.

Held: That the indeterminate permit feature of the Public Utilities Law does not apply to telephone companies, and therefore such companies have not the protection that is given to light, heat, traction and power utilities.

No. 155.

Feb. 28, 1908.

H. N. Nelson, vs. *Amherst Telephone Co.,*
Amherst Junction, Wis. *Nelsonville Telephone Co.*

EXCESSIVE TELEPHONE RATES; POOR SERVICE.

Complainant herein alleged that the above named telephone companies exact excessive charges for toll messages and give inadequate and poor service. The matter was taken up with the companies and a proposition made which was submitted to complainant.

No. 156.

Mar. 10, 1908.

Carey & Nett, vs. *Bristol Telephone Co.*
Wilmot, Wis.

COMPLAINT ON TELEPHONE SERVICE; CONNECTIONS.

Complainants herein, as well as others, alleged that the respondent telephone company refused to make connections with other telephone companies, and that the service rendered was otherwise inadequate. The matter was taken up with the respondent, with the result that improvement was made in the service, but as to the matter of connections with other companies, it was

Held: That the Commission has no power to order physical connections between telephone companies.

No. 157.

Mar. 10, 1908.

Rosendale Telephone Co.,
Hillsboro, Wis.

INCREASE OF TELEPHONE RATES.

The above named telephone company asked for authority to make a charge of 10 cts. on all incoming messages. Blanks were forwarded for formal application to increase rates, as required by law.

No. 158.

Mar. 6, 1908.

Lapp & Sturner,
Dorchester, Wis.

SUNDAY TELEPHONE SERVICE.

Complainant herein, operating a telephone exchange in the village of Dorchester, advised the Commission that the village

marshal threatened to close the telephone exchange on Sunday, together with all other places of business.

Held: That the operation of a telephone exchange is a work of necessity, and that the telephone company might render itself liable if it failed to provide service to the public on Sunday.

No. 159. Mar. 25, 1908.
F. J. McConnell, vs. *Wisconsin Telephone Co.*
Darlington, Wis.

ALLEGED DISCRIMINATION BY TELEPHONE CO.

Complainant herein alleged that the "Bell" company and a farmers' line have a contract, shutting out a new company and refusing service to the new company.

Held: That there is no physical connection provision in the Public Utilities Law.

No. 160. Mar. 20, 1908.
Green Bay Water Co.,
Green Bay, Wis.

CHANGES IN WATER RATES.

Inquiry as to increases and reductions in rates.

Held: Rates may be lowered upon filing with the Commission schedules showing such rates ten days before they go into effect, but that no increase of rates can be made except upon application for authority to the Commission.

No. 161. Mar. 30, 1908.
Superior Water, Light & Power Co.,
Superior, Wis.

EXTENSIONS OF CREDIT.

Inquiry as to whether it would be allowable to grant to some customers extension of credit longer than the rules provide for customers generally.

Held: That such practice would be discriminatory and is prohibited.

No. 162.

Mar. 30, 1908.

*Beloit Home Telephone Co.,
Beloit, Wis.*

TELEPHONE SERVICE TO DEBTORS.

Inquiry whether a company must render toll service to a former subscriber who was in arrears, and for that reason had his telephone taken out.

Held: Connection cannot be refused on the ground that the person is indebted to the company on some old account.

No. 163.

Mar. 30, 1908.

*Reedsburg Telephone Co.,
Reedsburg, Wis.*

CONSTRUCTION OF LAW.

The above named company propounded to the Commission a series of questions involving construction of certain sections of the Public Utilities Law. In reply the desired information was forwarded, answering the questions propounded, in so far as the Commission had determined them.

No. 164.

Mar. 23, 1908.

*John T. Faber, vs. Milwaukee Gas Light Co.
105 Grand Ave., Milwaukee, Wis.*

PROMPT PAYMENT DISCOUNT.

Complainant herein alleged that the respondent company returned his check for payment of service, which check was mailed on the last day allowed for the prompt payment discount, but reached the company on the day following.

Held: That the company was within its rights, the burden being upon the customer to deliver the payment to the company within the time specified by the company's reasonable regulations.

No. 165.

Apr. 7, 1908.

*Albert Leweck, vs. Milwaukee Gas Light Co.
914 Lee St., Milwaukee, Wis.*

EXTENSION OF GAS MAINS.

Inquiry as to whether a utility company furnishing gas can be required to lay a gas main.

Held: The subject is within the jurisdiction of the common council of the city.

No. 166.

Mar. 31, 1908.

*Badger Mutual Telephone Co., vs. Wisconsin Telephone Co.
Orange, Wis.*

PHYSICAL TELEPHONE CONNECTIONS.

Complainant herein alleged that the respondent company refused to make connections with complainant unless complainant would buy transmitters from respondent.

Held: That there is nothing in the Public Utilities Law to require the making of physical connections between telephone companies, that matter being involved in a bill before the legislature and defeated.

No. 167.

Apr. 3, 1908.

*Milwaukee Gas Light Co.,
Milwaukee, Wis.*

REPORT ON ACCIDENTS IN GAS PLANT.

The above named company reported in writing to the Commission the circumstances under which Ernest Salmon, an employe, was killed as the result of a fall from a scaffold.

No. 168.

Apr. 1, 1908.

*H. R. Schmohl, vs. La Crosse Gas & Electric Co.
La Crosse, Wis.*

NEW SERVICE CHARGEABLE TO WHOM.

Complainant herein desired to be advised whether a utility must extend its service to all who desired to become consumers, and to whom is cost of extensions of service chargeable.

Held: That the matter of extensions of service and cost thereof is within the jurisdiction of the common council of any city, according to the provisions of sec. 1797m—87 of the statutes.

No. 169.

In re MEASURED SERVICE ON TELEPHONES.

The Commission undertook an investigation of the subject of "measured service" in telephone operation, which investigation had made progress, but was still uncompleted at the date of this report.

No. 170.

Mar. 28, 1908.

H. Neumeister,
Colby, Wis.

vs.

Colby Telephone Co.

ALLEGED EXCESSIVE TELEPHONE CHARGES.

Complainant herein, mayor of the above named city, alleged that the respondent telephone company refused to install a telephone in the city power house for less than \$1.50 per month, on account of the refusal of the city to pay for a telephone instrument destroyed by fire. The complainant was advised that the rate of \$1.50 per month appeared from the schedule of rates on file to be the regular legal charge.

No. 171.

Mar. 18, 1908.

Reynolds & Lambert,
Delton, Wis.

vs.

Baraboo Telephone Co.

COMPULSORY JOINT TOLL ARRANGEMENTS.

Complainant herein alleged that respondent company refused to make satisfactory toll arrangements with other companies. The matter of the complaint was outside of the jurisdiction of the Commission, and complainant was so informed.

No. 172.

Apr. 4, 1908.

Dr. J. F. Riordan,
Mattoon, Wis.

COMPULSORY TELEPHONE CONNECTIONS.

Inquiry as to whether telephone companies could be required to provide physical connections.

Held: That the Public Utilities Law contains no provision to require companies to make connections of telephone systems.

No. 173.

Apr. 7, 1908.

*Viroqua Telephone Co.,
Viroqua, Wis.*

ALLEGED DISCRIMINATORY SWITCHING RATES.

Inquiry as to whether a telephone company may legally exact different switching charges from one company than from another company.

Held: Switching charges between different telephone companies are not covered by the Public Utilities Law, leaving this matter to be arranged between the companies interested.

No. 174.

Apr. 11, 1908.

*Amery Electric Co.,
Amery, Wis.*

SPECIAL ELECTRIC RATES.

The above named company inquired whether it could properly continue certain special rates, which it had in effect Apr. 1, 1907, and was advised that such rates could be continued until the Commission should make a general ruling thereon.

No. 175.

Apr. 14, 1908.

*Naylor & McCaul,
Tomah, Wis.*

DEFINITION OF INDETERMINATE PERMIT.

Inquiry as to exactly what a company must possess in the way of utility establishment or franchise in order to be able to acquire an indeterminate permit. The local situation presented these facts: The C. A. Goodyear Lumber Company, of Tomah, held a contract with the city to light the streets for a term of years, and desired to be advised whether the company possessed enough in the way of franchise to authorize it to acquire an indeterminate permit.

Held: That the definition of a public utility is contained in sec. 1797m—1, sub-division 1, of the Statutes; that there is a distinction between a contract to light the streets of a municipality and a franchise to use such streets for the purpose of furnishing lights to the public. A municipality may light its own streets or employ another to light them. Such a contract would

not, however, be a license, permit or franchise to operate a public utility. Under our law a public utility has no right to operate, that is, to engage in serving the public, until it has received authority from the municipality, which authority, prior to the Public Utilities Act, was generally denominated a franchise. A mere contract to furnish light to the city would not imply a franchise to serve others and thus operate a public utility.

No. 176.

Apr. 11, 1908.

Paul W. Mahoney,
La Crosse, Wis.

ALLEGED EXCESSIVE RATES FOR CURRENT AND GAS.

Complainant herein alleged that the La Crosse Gas & Electric Company was charging him in excess of the rates fixed by city ordinance as the maximum, such alleged excessive rate being authorized in the tentative schedule of rates fixed by the Commission.

Held: That if the law under which the Commission is acting has superseded the provisions of municipal ordinances relating to rates, as the legislature evidently intended, the company would have the right to collect the rates fixed by the Commission.

No. 177.

Apr. 8, 1908.

J. W. Van Alstyne,
Rhineland, Wis.

ALLEGED OVERCHARGE; ELECTRIC LIGHTS.

Complainant herein alleged that he was being charged a minimum of \$1.50 a month for lights, when the meter showed a consumption of \$1.10 worth according to the rate fixed in the company's charter.

Held: That the minimum of \$1.50 a month is the legal rate according to the schedule on file with the Commission, but that complainant may make formal complaint as to the reasonableness of such charge, which complaint would bring about an investigation by the Commission.

No. 178. Apr. 16, 1908.
The K. Kieckhefer Co., vs. *Wisconsin Telephone Co.*
Milwaukee, Wis.

PENALTY FOR FAILURE TO PAY.

Complainant herein alleged that the above named respondent company refused to provide service to respondent unless shortage in "pay telephone" be made good, and alleging that complainant is entitled to damages for loss of business while telephone was taken out.

Formal complaint filed.

No. 179. Apr. 21, 1908.
Beloit Iron Works, vs. *Beloit Water Works Co.*
Beloit, Wis.

ALLEGED UNREASONABLE COLLECTION REGULATIONS.

Complainant herein remonstrated against the rule of the above named utility company of charging a penalty of 10 per cent for failure to pay bills in advance quarterly, the payment being demanded before the service is received.

Held: That this rule is a part of the schedule of rates on file with the Commission, and must be adhered to until changed. A formal complaint would bring about an investigation of the reasonableness of this rule.

No. 180. Apr. 23, 1908.
Beloit Water, Gas & Electric Co.,
Beloit, Wis.

SPECIAL RATES FOR COLLEGES.

Inquiry as to the legality of continuing in force a special flat rate to a college, which rate was made by verbal contract prior to the enactment of the Public Utilities Law.

Held: That unless such rate is extended to the general public it is discriminatory.

No. 181. Apr. 16, 1908.
A. E. Hart, *vs.* *Wisconsin Telephone Co.*
Madison, Wis.

COMPLAINT AS TO TELEPHONE SERVICE.

Complainant herein alleged that he had been given inadequate service on a toll call from Iron River to Thorpe, due to indifference of the operators rather than congestion of the wires. The complaint was the subject of voluminous correspondence and finally affidavits were filed by the respondent company relating to the matter.

No. 182. Apr. 11, 1908.
Rambler Garage Co., *vs.* *Central Heating Co.*
Milwaukee, Wis.

ALLEGED EXCESSIVE CHARGES FOR HEATING.

Complainant herein alleged that the respondent company was increasing its charges for steam heating. A conference was arranged between the engineer of the Commission and the parties in interest, and a temporary settlement was effected.

No. 183. Apr. 18, 1908.
Amos Radcliffe,
Eagle River, Wis.

INCORPORATION OF TELEPHONE COMPANIES.

Inquiry as to whether an individual can build a telephone system without incorporating.

Held: That incorporation is not necessary before an individual may build a telephone system.

No. 184. Apr. 30, 1908.
La Crosse Inter-Urban Telephone Co.,
La Crosse, Wis.

DIFFERENCES BETWEEN COMPANIES.

The above named company sought the assistance of the Commission in the adjustment of differences between it and farmer lines, relative to the payment of proportionate cost of maintenance of exchanges.

Held: That the adjustment of differences between telephone companies is outside the jurisdiction of the Commission.

No. 185.

Apr. 30, 1908.

*Brecke Telephone Co.,
Sextonville, Wis.*

DISCRIMINATION BY TELEPHONE COMPANIES.

Inquiry as to whether it is proper for a company to charge non-subscribers different rates than are charged to subscribers for exchange service on toll calls.

Held: That such different charges may be made if the same rates are held open to all persons similarly situated.

No. 186.

May 5, 1908.

*O. B. Joerns,
Sheboygan, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein, a member of the library board of the city of Sheboygan, alleged that the rates charged for telephone service in the city library of said city were excessive, and that the library ought not to be classified as a business house. The prayer was that a special rate be authorized for libraries.

Held: That a "pay telephone" might be installed, by which the public could reach the library without charge, but which would carry a charge if a call were made from the library end.

No. 187.

Apr. 28, 1908.

*G. L. Coolie, vs. Beloit Water, Gas & Electric Co.
Beloit, Wis.*

ALLEGED EXCESSIVE WATER RATES.

Complainant herein remonstrated at being charged for water service while his home was not occupied, and against being fined for not being home in time to pay his alleged unreasonable bill, and also against being charged for every opening in the house when more than half of the openings were for soft water service. The prayer was, that the respondent company be required to install a meter. This complaint was taken up in connection with the matter of rates and service of the respondent utility.

No. 188.

May 8, 1908.

*J. R. Snider, vs. Farmers' Inter-County Mut. Tel. Co.
Kilbourn, Wis.*

ALLEGED UNREASONABLE CONTRACT REQUIREMENTS.

Complainant herein, being in need of telephone service for some five months of the year, alleged that the respondent company refused to make a contract for less than a year, which the complainant alleged to be an unreasonable requirement. It appeared that this yearly contract provision was not included in the schedule of rates filed with the Commission, but this the company held was an oversight, that such rule was in force at the time the Public Utilities Law went into effect, and the company was advised that it should file a correction.

No. 189.

May 7, 1908.

*F. G. Kraege,
Mazomanie, Wis.*

FREE AND REDUCED ELECTRIC LIGHT SERVICE.

Inquiry whether a local municipal lighting plant may furnish service free to the public high school and village hall; whether these institutions must pay the same rate as other consumers, and whether societies and individuals using the village hall and the school building must pay for the lights they use.

Held: That the Public Utilities Law prohibits the giving of free service or service at reduced rates, not open to the general public, all persons served by the utility being entitled to equal treatment, and that, therefore, the municipal lighting plant should be credited with the light served to the high school and village hall at the rate charged the general public.

No. 190.

May 11, 1908.

*Stone Drug Co., vs. Wisconsin Telephone Co.
Lake Nebagamon, Wis.*

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the night rate from Lake Nebagamon was excessive compared with the rate to Superior. An explanation of the manner of computing the rate was made

by the respondent, and complainant advised the Commission that he desired that the matter be allowed to rest.

No. 191. May 12, 1908.
McGrath Construction Co., vs. *Green Bay Water Co.*
Green Bay, Wis.

ALLEGED OVERCHARGES FOR WATER.

Complainant herein alleged that the above named company charged complainant 10 cts. for water per barrel of cement used in making walks, notwithstanding a charter provision establishing a maximum of 5 cts. per barrel. The rates on file were investigated, showing 5 cts. to be the legal rate.

No. 192. May 13, 1908.
Baraboo Lighting Co.,
Baraboo, Wis.

ENFORCEMENT OF DISCOUNT RULE.

Inquiry as to whether the prompt payment discount rule may properly be waived in some cases when patrons make the enforcement of the rule a personal matter.

Held: That such a rule, if enforced at all, must be enforced alike to all, and that failure to enforce the rule as to some people and to allow it to be enforced as to others constitutes discrimination, for which a company is liable to the penalties prescribed in the Public Utilities Law.

No. 193. May 13, 1908.
Majestic Hair Parlors, vs. *Wisconsin Telephone Co.*
1220 Majestic Building, Milwaukee, Wis.

REFUSAL TO GIVE TELEPHONE SERVICE.

Complainant herein alleged that the above respondent telephone company refused to install a four-party telephone as advertised in circulars of respondent. The matter being taken up with respondent, the Commission was advised that the respondent was ready to provide the service if the required four parties could be found. The names of the four parties were supplied by the complainant and the Commission was finally advised that all persons in the building in question desiring service were provided with same.

No. 194.

May 18, 1908.

*Equity Telephone Co.,
Cushing, Wis.*

DIFFERENT RATES FOR SUBSCRIBERS AND NON-SUBSCRIBERS.

The above named company, operating a mutual telephone system, desired to be advised whether it could charge non-subscribers for use of lines of the company.

Held: That upon furnishing service to any others than members of the mutual organization, the company becomes a public utility and in that case must charge the same rates to all under similar circumstances and conditions.

No. 195.

May 20, 1908.

*Avoca & Muscoda Telephone Co.,
Avoca, Wis.*

USE OF TELEPHONES BY NON-SUBSCRIBERS.

The above named telephone company advised the Commission that it suffered loss by reason of non-subscribers calling at the places of business of subscribers, using their telephones and not paying the toll charge, and the complainant desired to be informed as to its remedy. In reply the complainant was forwarded a copy of the opinion and authorization of the Commission, approving of a rule restricting the use of subscribers' telephones to such subscribers and the immediate members of their families or their employes, if the companies find it feasible to enforce such a rule.

No. 196.

May 26, 1908.

*Northwestern Telephone Exchange Co.,
Minneapolis, Minn.*

VALIDITY OF TELEPHONE FRANCHISE.

Complainant herein advised the Commission of a controversy between complainant and the city of Hudson, turning upon the point as to whether the company must continue to give free service to the city as stipulated in the local franchise.

Held: That a municipality has no authority to grant a telephone franchise, and that conditions in a so-called local telephone franchise, obligating a company to maintain free service to a municipality, are not binding.

No. 197.

May 26, 1908.

George W. Allen, *vs.* *Amherst Telephone Co.*
Stevens Point, Wis.

ALLEGED TELEPHONE DISCRIMINATIONS.

Complaint that respondent telephone company failed to carry out promises made by its solicitor with respect to service to be rendered and also charges to be made.

Held: That service contracted for can be enforced, if it amounts to a discrimination, only if based upon a contract made prior to April 1, 1907.

The local situation complained of appeared to be much complicated, and complainant was advised that the Commission would make a complete investigation and hold a hearing on the matter if a formal complaint were filed giving the Commission jurisdiction, which complainant did not do.

No. 198.

May 23, 1908.

Gustav Schmitt, *vs.* *Milwaukee Gas Light Co.*
1206 Walnut Street, Milwaukee, Wis:

EXTENSION OF GAS SERVICE.

Complainant herein advised the Commission that he had tried to secure from above respondent company the extension of service to his house, but that respondent had refused to make such extension, notwithstanding that the extension involved would be only some 400 feet.

Held: That the matter of extension of service is in the control of the common council and not within the jurisdiction of the Commission.

No. 199.

May 22, 1908.

James H. Cabanis, *vs.* *Platteville Water Works.*
Platteville, Wis.

CHARGE FOR GIVING AWAY WATER.

Complainant herein advised the Commission that the local common council had, by ordinance, decreed that use of water from one meter should be exclusive to the consumer of record, and that the consumer giving away water should be charged an additional minimum, and complainant remonstrated

that such a rule was unreasonable. The city authorities represented that conditions had become extreme in the city of Platteville, in that consumers were "beating the city" out of water, by carrying it from one service to several homes, and that in some cases consumers were re-selling water at a large profit to themselves and to the loss of the city.

A conference on this matter was held between the parties at the office of the Commission on June 5, 1908, leading to a satisfactory adjustment.

No. 200.

June 3, 1908.

O. P. Gaarder,

Orfordville, Wis.

FREE TELEPHONE SERVICE AND DISCOUNTS.

Inquiry as to whether free telephones can legally be maintained in the depot and city hall; also whether it is lawful to allow some subscribers to run bills for several months after they are due.

Held: That free service to depots and municipal buildings is prohibited by the Public Utilities Law, and that a rule as to running of bills or discount for prompt payment must be enforced alike as to all the public or not enforced at all. See *In re Free and Reduced Rate Telephone Service*, Finding 3, 2 W. R. C. R. 543.

No. 201.

May 16, 1908.

Monroe Telephone Co.,

Monroe, Wis.

USE OF TELEPHONE POLES.

Request for advice as to distance that should be maintained between electric light and telephone wires strung on the same poles, pursuant to a joint arrangement between the telephone and electric lighting company.

After reference of the question to the engineer of the Commission, advice was forwarded that the best practice would be to install the two wire systems as far apart as possible, and never on the same pole, unless it is absolutely necessary, in which case the telephone wires should be installed below the lighting wires, at a vertical distance of not less than four feet.

No. 202.

May 26, 1908.

*John H. Owens,
Racine, Wis.*

TESTING OF METERS.

Inquiry concerning the right of the city to test and inspect meters.

Held: That a city may provide for testing and inspection of meters.

No. 203.

May 30, 1908.

*J. H. Hopkins,
Antigo, Wis.*

RATES FOR STREET LIGHTS.

Inquiry for information regarding the rates charged for street lighting.

A compilation was forwarded showing the rates in various cities and something of the service obtained in each case.

No. 204.

June 3, 1908.

*Oneida Gas Co.,
Rhineland, Wis.*

REQUEST FOR INSPECTION OF PHOTOMETER.

Application to the Commission to make a test of a photometer.

Applicant was advised that a member of the staff of engineers attached to the Commission would shortly be in Rhineland to examine the instrument and otherwise advise the applicant.

No. 205.

June 9, 1908.

*The Badger Telephone Co.,
Oconomowoc, Wis.*

EXCLUSIVE TELEPHONE FRANCHISE INVALID.

The above named company, desiring to build a line in the town of Lebanon, was confronted with a presumably exclusive telephone franchise possessed by another company, and desired to be advised as to its recourse in the premises.

Held: That no valid exclusive telephone franchise can be granted by a locality, but that a line of telephone can be built by complying with ch. 313, Laws of 1907.

No. 206.

June 5, 1908.

*Mortenson Bros.,
Cazenovia, Wis.*

ELECTRIC RATES.

Inquiry as to whether a flat rate can be made to customers where the running hours are known, and a meter rate to others.

Held: That it is lawful to make flat rates to power users in certain cases, and meter rates to others, providing that all rates are held open to all the public alike, so that the same rates are available to all persons similarly situated.

No. 207.

June 9, 1908.

*F. B. Kent,
Strong's Prairie, Wis.*

MUTUAL TELEPHONE COMPANIES, WHEN PUBLIC UTILITIES.

Inquiry as to whether a mutual telephone company, with only nine or ten subscribers who are not stockholders, is subject to the provisions of the Public Utilities Law.

Held: That a mutual telephone company becomes a utility and is subject to the provisions of the law when it serves the public, that is, when it serves any other than its members.

No. 208.

June 9, 1908.

*Thomas F. Cody,
Highland, Wis.*

INQUIRY AS TO DISCRIMINATIONS.

Inquiry as to the subject of discriminations and as to application of the Public Utilities Law to telephone systems.

Copy of tentative opinion and authorization was forwarded.

No. 209.

June 11, 1908.

*Simon Gillen,
Sheboygan, Wis.*

INDETERMINATE PERMIT.

Inquiry as to the extent and scope of the indeterminate permit provided in the Public Utilities Law.

Held: That the indeterminate permit obtained through the operation of the Public Utilities Law is as broad as the franchise for which it is exchanged.

No. 210.

May 16, 1908.

*Hartford Electric Co.,
Hartford, Wis.*

INDETERMINATE PERMIT.

The above named company desired to surrender its franchise and obtain an indeterminate permit according to ch. 499, Laws of 1907, but asked the Commission to say whether the franchise held by the company was of sufficient validity to be exchangeable for an indeterminate permit.

Held: That the question of the validity of a franchise is not within the jurisdiction of the Commission to decide, but that the Commission will accept the surrender of any franchise and leave the validity thereof to be determined in proper jurisdiction.

No. 211.

June 10, 1908.

*A. M. Jones,
Waukesha, Wis.*

ALLEGED TELEPHONE OVERCHARGE.

Complainant herein alleged that the Wisconsin Telephone Co. proposed to make charges which complainant believed to be excessive. The matter was taken up with the company, and it developed that there had been an error in quoting rates, and the company advised the Commission that immediate adjustment would be made.

No. 212.

June 16, 1908.

*W. R. Chipman,
Morrisonville, Wis.*

READJUSTMENT OF TELEPHONE RATES.

Inquiry as to whether a telephone company, upon purchase of instruments from subscribers, can readjust rates and make them uniform.

Held: That no rates in force on April 1, 1908, can be raised without authorization by the Commission.

No. 213.

June 17, 1908.

Ber J. Daly,

vs.

*Wisconsin Telephone Co.**Oshkosh, Wis.*

ALLEGED UNREASONABLE RULES.

In the matter herein complaint was made that the rule of the respondent company concerning yearly contracts amounted to compelling complainant to pay for telephone service during the several months in which he was absent from his home and occupying his summer residence, which rule complainant alleged was unreasonable.

Held: That all rates and rules of a utility must be applied alike to all the public under similar circumstances and conditions; that the utility makes its rates and rules in the first instance, and that, in case a rate or rule is complained of as unreasonable, the filing of a formal complaint, bringing the matter within the jurisdiction of the Commission, will result in an investigation and decision.

Complainant herein failed to file a formal complaint, which was necessary in view of the fact that the matter complained of had not previously been passed upon by the Commission.

No. 214.

June 12, 1908.

*Athens Telephone Co.,**Athens, Wis.*

DEATH MESSAGES.

Inquiry as to whether a telephone company has a right to refuse to take a death message from another telephone company. More specific information was requested and not furnished.

No. 215.

June 16, 1908.

*James Jeffrey,**Georgetown, Wis.*

LIEN ON TELEPHONES.

Suggestion that there should be a law giving any exclusive "switch" company a lien upon the telephone instrument of a subscriber in arrears.

Held: That the Commission does not make laws, and the matter should be presented to the correspondent's representative in the legislature.

No. 216.

June 16, 1908.

Louis E. Erickson,
Kewaunee, Wis.

PHYSICAL CONNECTIONS BETWEEN TELEPHONE COMPANIES.

Complainant herein alleged that residents near Tish Mills desired to construct a telephone line to Kewaunee, there to connect with line of the Wisconsin Telephone Co., but that officials of said company refused to arrange for the desired connection.

Held: That there is nothing in the Public Utilities Law requiring telephone companies to make connections with each other.

No. 217.

June 16, 1908.

T. R. Hawkins,
Cameron, Wis.

INDETERMINATE PERMIT.

The village of Cameron, by its president and clerk, notified the Commission that it desired to grant an indeterminate franchise for the construction and operation of an electric light and power plant, and requested to be advised whether the Commission had any objection to this course being taken by the village. The notification contained a schedule of rates proposed as a part of the contemplated franchise.

Held: That, according to the provisions of sec. 1797m—76 of the statutes, licenses, permits or franchises are issued by the municipalities, except that in municipalities where there are utilities operating under an indeterminate permit application must be made to this Commission for a certificate of convenience and necessity under the provisions of the Public Utilities Law. No utility being in operation in the village of Cameron under an indeterminate permit, consequently the license, permit or franchise which said village may grant, is made independent of this Commission, except that such franchise becomes, by operation of the Public Utilities Law, an indeterminate permit.

No. 218.

In re UNIFORM ACCOUNTING FOR WATER WORKS COMPANIES.

The Commission undertook an investigation of the subject of accounting for water works companies, with a view to the establishment of a uniform and adequate system to be applied to the

water works plants under the jurisdiction of the Commission, which investigation was in progress at the end of the period covered by this report.

No. 219.

June 18, 1908.

Oluf Arneson,

Rice Lake, Wis.

TELEPHONE WIRES CROSSING RAILROADS.

Inquiry as to right of a railroad to require conformance with certain regulations regarding the crossing of railroad tracks and telegraph wires by telephone companies' wires.

Held: That the matter is outside of the jurisdiction of the Commission; that municipalities have the power to enforce regulations as to the stringing of wires; that the laws with respect to safety of employes and the public in connection with railroad operation are rigid, and that railroads are charged with maintaining the safety of their employes and the public, and that, therefore, it is reasonable that a railroad company should make and enforce adequate regulations as a condition to its granting permission to a telephone company to string wires over its right of way and telegraph wires. See decision and order of the Commission, *In re Rules for Tell Tales or Warning Signals for Overhead Obstructions*, 2 W. R. C. R. 757.

No. 220.

June 19, 1908.

Theodore Borup.

*President Wisconsin Humane Society,
Milwaukee, Wis.*

FREE TELEPHONE SERVICE.

Complaint alleging that since the enactment of the Public Utilities Law free telephone service has been withdrawn from the above purely benevolent organization.

Held: That such free telephone service is prohibited by the Public Utilities Law.

No. 221.

June 13, 1908.

Green Bay Canning Co.,

Green Bay, Wis.

PROMPT PAYMENT DISCOUNT.

Complainant herein set forth that the last day on which the rule of the local gas and electric company allowed discount for

prompt payment is the tenth of the month; that this date fell on Sunday and the complainant's check was therefore not mailed until the eleventh and did not reach the utility company until the twelfth, and complainant asked whether it was entitled to the discount.

Held: That depositing of a letter containing check in the post office on the last day of the discount period, knowing that said check would not reach the utility company until after such period had passed, did not constitute payment of the bill within the time specified in the rule of the company; that the discount rule must be enforced to all alike and that therefore complainant was not entitled to the discount.

Nos. 222, 223, 224.

June 5, 1908.

W. H. Francis,

*Secy. Knapp Telephone Co.,
Knapp, Wis.*

May 28, 1908.

John B. Simmons,

*Prest. Citizens Telephone Co.,
Racine, Wis.*

Apr. 30, 1908.

M. L. Crandall,

*Secy. Hudson Prairie Telephone Co.,
Burkhardt, Wis.*

PERPETUAL FREE TELEPHONE SERVICE CONTRACTS.

The above named officers of telephone companies presented to the Commission the question of the validity of certain contracts entered into between the telephone companies and railroad companies, in which the telephone companies agreed to furnish perpetually free telephone service in the depots of the railroad companies, the consideration on the part of the railroad companies in each contract being the giving of room for the instrument and giving attention to the telephone by the railroad company's agent.

As the matter had never come formally before the Commission, the question was passed upon entirely informally, and it was

Held: That it is simply a question of interpretation and of the legality of the contract, and that the Commission should not render an order relating to the same.

No. 225.

June 21, 1908.

*A. J. Myrland,**Grantsburg, Wis.*

INDETERMINATE PERMIT FOR WISCONSIN CORPORATION ONLY.

Inquiry propounding the question as to whether a partnership can obtain an indeterminate permit under the provisions of the Public Utilities Law.

Held: That an indeterminate permit can be granted only to a Wisconsin corporation.

No. 226.

June 19, 1908.

*North Side Amusement Association,**La Crosse, Wis.*

SPECIAL LIGHTING RATES.

Inquiry as to the rate a public utility can charge for lighting service during a street carnival of five days' duration.

Held: That owing to the very temporary nature of the service demanded, the regular readiness-to-serve charge, which applies to permanent consumers, would work an injustice to the company if applied to this case; that the company is entitled to charge for its service at such a rate as will compensate it for any expense for installation, such as wiring, setting of transformers, etc., enabling it to carry the load demanded, and a reasonable profit upon the service furnished.

No. 227.

June 8, 1908.

*Mellen Water & Light Co.,**Mellen, Wis.*

RECONSTRUCTION OF DAM.

The Commission was advised that a dam had gone out at Mellen, and that city authorities and taxpayers were protesting against its reconstruction by the local utility company. The matter being outside the jurisdiction of the Commission, no official cognizance of the situation in controversy could be taken, but informal assistance and advice were rendered, and the Commission was advised that the matter was in the way of satisfactory adjustment.

No. 228.
Evansville Telephone Co.,
Evansville, Wis.

June 15, 1908.

CONSTRUCTION OF UTILITIES LAW; TELEPHONES.

The above named telephone company requested the Commission to construe the Public Utilities Law by answering the questions: 1, whether subscribers shall be required to pay for telephone service while they are absent from the city, and 2, whether a company may substitute a higher class and more expensive service for a poorer and less costly service and increase rates in proportion.

Held: 1. A company may legally make a rule under which rent of telephone may be reduced for the period during which telephone is not used, provided such rule applies to all persons under like circumstances and conditions, and, on the other hand, a full rental may be charged for such periods, and if subscribers feel such charge to be unreasonable, complaint may be made to the Commission.

2. The substitution of a higher class service for a lower class service, for which higher class service a higher rate was charged than for the lower class service, did not constitute a raise in rates. See *Doyle v. Wis. Tel. Co.* Informal case No. 5.

No. 229.
Brecke Telephone Co.,
Stetsonville, Wis.

June 17, 1908.

DIVISION OF TOLLS.

Complainant herein alleged that a controversy had arisen between complainant and the Wisconsin Telephone Co. regarding the division of toll charges on incoming messages. The matter being one of contract between companies, relating to connections and division of earnings, it was not within the jurisdiction of the Commission, but was taken up with the officials of the Wisconsin Telephone Co. informally, and negotiations were in progress at the time of this report. In the course of the correspondence it was

Held: That the Commission has no jurisdiction over the terms on which telephone companies connect; if a company has a contract with another telephone company which will justify it,

the company may permit all of its subscribers to have free use of the lines of the connecting company, but cannot permit part of such subscribers to have such free use and charge the others under the same circumstances and conditions.

No. 230. June 22, 1908.
Eureka Telephone Co., *vs.* *Wisconsin Telephone Co.*
Woodland, Wis.

CONSTRUCTION OF TELEPHONE COMPANY CONTRACT.

Complainant herein was involved in a controversy with respondent company over toll and exchange charges, the difference of opinion turning on the construction of the contract entered into between the two companies when the complainant became a sub-line of the respondent.

Held: That the matter involves the construction of a contract and is entirely outside the jurisdiction of the Commission.

No. 231. June 25, 1907.
In re UNIFORM ACCOUNTING FOR GAS AND ELECTRIC COMPANIES.

The Commission undertook an investigation of the subject of accounting of gas and electric companies, having in contemplation the establishment of a uniform system for the companies under the jurisdiction of the Commission, which investigation was incomplete at the date of this report.

No. 232. June 25, 1908.
Frank T. Stare, *vs.* *Wisconsin Telephone Co.*
Waukesha, Wis.

ALLEGED EXCESSIVE TELEPHONE RATES.

Complainant herein alleged that the respondent company proposed to charge him \$12.50, plus installation charge, for a telephone in complainant's summer cottage at Pewaukee Lake, notwithstanding that the former rate was \$5 per month, and that a neighbor was being given the service at \$5 per month. Upon taking up the matter with the respondent company, the Commission was advised that the local manager had erroneously quoted an incorrect rate, and that the complainant would be served at the old rate.

No. 233.

June 25, 1908.

C. H. Hartley,
Oshkosh, Wis.

REDUCED RATES TO FEDERAL GOVERNMENT.

Inquiry as to whether it is lawful to grant free or reduced rate service to the federal government.

Held: That the federal government stands on an equal footing with individuals in the matter of rates for service by public utilities, and that no discriminations can be made in favor of the federal government.

No. 234.

June 30, 1908.

C. W. Cheney,
Secy. Eau Claire Telephone Co.,
Eau Claire, Wis.

PENALTY FOR FAILURE TO PAY.

The above named company proposed to apply a rule, according to which subscribers, who fail to pay within a certain length of time after notification, should be assessed an additional charge of 25 cts. per month, and the company desired to be informed as to the legality of such a rule.

Held: That such rule, if not in force prior to the passage of the Public Utilities Law, amounts to an increase in rates, and as such cannot be enforced without first applying to the Commission for authority. It is to be distinguished from a discount allowed if the bill is paid on or before a certain date, for the discount amounts to a reduction, and a penalty to an increase, which is illegal unless provided for in the schedules of the company or authorized by order of the Commission.

See Finding No. 8, *In re Free and Reduced Rate Telephone Service*, 2 W. R. C. R. 545.

No. 235.

June 30, 1908.

In re STEAM BOILER INSPECTION AND INSURANCE.

The Commission, through its staff of engineers, undertook to obtain data through correspondence with various insurance companies carrying risks on steam boilers, contemplating the use of such information in the process of valuation of steam boilers in public utility plants. The correspondence was in progress at the date of this report.

No. 236.

June 21, 1908.

*L. Crandall,**Burkhardt, Wis.*

CONSTRUCTION OF UTILITIES LAW; TELEPHONES.

Inquiry as to whether a telephone company may legally charge less in case a subscriber owns his instrument than in case the instrument is owned by the company; and whether a free toll contract between several connecting companies is lawful.

Held: That the Public Utilities Law expressly forbids the granting of a lower rate to subscribers who own their own instruments or any part of the facilities incident to the service, but that a reasonable rental may be allowed for the use of the portion of the equipment which the subscriber owns; and that it is lawful for companies to afford free toll service to their respective subscribers, provided the same is given to all alike, without discrimination. In such cases free toll service may be regarded as part of the service which each company has provided for its subscribers.

No. 237.

June 24, 1908.

Business Men's Association, vs. Wisconsin Telephone Co.
Beaver Dam, Wis.

ALLEGED ADVANCED TELEPHONE RATES.

Complainant herein alleged that respondent telephone company had advanced its rates in the city of Beaver Dam; that signatures to the contracts for increased rates were obtained by misrepresentations, and that the above association, a number of whose members had signed such contracts, desired to repudiate their signatures. The respondent advised the Commission that the raise of rates in the city of Beaver Dam was rendered necessary on account of the installation of improved facilities; that the business men there understood that the rates were to be advanced; that the objectors were comparatively few; that it was expressly provided in the contracts that advanced rates should be charged, but that no advance should become effective until authorized by the Commission; but that the company solicited the signatures in order to avoid the expense, inconvenience and delay of a contest before the Commission.

Formal complaint blanks were sent complainant but not returned.

No. 240.

June 27, 1908.

C. H. Hartley,
Oshkosh, Wis.

WHOLESALE TELEPHONE RATES.

Inquiry as to whether it is lawful for a telephone company to offer reduced rates as the amount of service used increases, such as allowing a lower rate to a company or firm using \$75 worth of tolls a month than to one who uses only \$50 worth, assuming that the tariff covering this arrangement is regularly published.

Held: That such a rate would be contrary to the spirit of the Public Utilities Law.

No. 241.

June 20, 1908.

Michigan State Telephone Co.,
Detroit, Mich.

JURISDICTION OF COMMISSION.

The above named telephone company made application for authority to increase certain rates, the reason being that some of the business of the company goes over Wisconsin lines.

Held: That an application by a foreign corporation for authority to increase rates is a matter outside of the jurisdiction of the Commission.

No. 242.

June 27, 1908.

Briggsville & Big Springs Telephone Co.,
Briggsville, Wis.

CONSTRUCTION OF PUBLIC UTILITIES LAW.

A conference was held between the Commission and representatives of the above named company, concerning several matters arising through the enactment of the Public Utilities Law. The following questions were discussed and answered:

1. Is it an unjust discrimination to charge a stockholder 10 cts. per message and a non-stockholder 15 cts. per message?

Held: That it is unlawful to exact a higher rate from subscribers who are not stockholders, directors and officers than from subscribers who are stockholders, directors and officers; that the subscriber who is a stockholder has no rights or privileges which are denied to the subscriber who is not a stockholder, and the

stockholder must look to the profits of the business for his return on his investment.

2. Is it permissible to charge part of the subscribers a message fee and part of them a flat rate for all the service furnished them?

Held: That the same rates must be held out to all persons under similar circumstances and conditions.

3. Are any superior rights possessed by persons who own interests in connecting lines, and are also stockholders in the main company, over other persons?

Held: That the former must pay the same rates as the latter; and it is also unlawful to give any superior privileges to persons who compose an unincorporated mutual farmer company because they are stockholders in the main company, a share in the profits of the company is all the benefit which stockholders can have which is not enjoyed by the general subscriber.

4. Is a connection contract legal by which one company retains all the tolls of messages originating on its line?

Held: That such contract is not prohibited by law.

No. 243.

June 26, 1908.

H. A. Price,

Markesan, Wis.

FREE PUBLIC TELEPHONE SERVICE.

Inquiry whether a free local service over a telephone instrument in a hotel, for which the proprietor of the hotel pays the regular rate, but to which a "Gray Pay Station" for collection of long distance tolls is attached, is legal.

Held: The matter is one for regulation by the telephone company itself.

No. 244.

June 24, 1908.

Perry-Hollandale Telephone Co.,

Hollandale, Wis.

INQUIRY CONCERNING TELEPHONE DISCRIMINATION.

The above named telephone company, having toll line connections between Hollandale, Blanchardville and Perry, advised the Commission that it charged toll from Blanchardville, while from

Hollandale and Perry no toll was charged, and the company desired to be advised whether this practice was discriminatory.

Held: That the law requires that all subscribers under like circumstances and conditions must be treated alike, and that the situation and practice described does not constitute discrimination, so long as all the subscribers at Hollandale and Perry have free toll service over those lines, and all the subscribers at Blanchardville are charged toll service.

No. 245.

June 20, 1908.

Whitewater Water Works Co.,

Whitewater, Wis.

CONTRIBUTIONS BY UTILITIES.

Inquiry as to whether it is permissible, under the Public Utilities Law, for a public utility to make contributions for civic, benevolent and charitable enterprises, other than of a political character.

Held: That there is nothing in the Public Utilities Law to authorize the Commission to permit or sanction the making of contributions for any purposes by public utilities within this state, but that there is nothing in the law to prevent officers, directors and stockholders of public utility corporations, in their individual capacity, from contributing for charitable and other worthy purposes to the full extent of their charitable impulses and the size of their purses.

No. 246.

June 25, 1908.

Matt Stapleton,

Rhineland, Wis.

ALLEGED OVERCHARGE FOR LIGHTING.

Complainant herein advised the Commission of a controversy between himself and the Rhineland Lighting Co. over a bill rendered for service. The Commission was unable to comprehend the exact situation in controversy and requested complainant to furnish additional facts, which complainant failed to do.

PART VI.

Certificates of Public Convenience and Necessity.

Under the provisions of ch. 454, Laws of 1907, no railroad corporation shall commence the construction of any proposed line of railroad in the state, until it shall have obtained from the Railroad Commission a certificate that public convenience and necessity require the construction of such railroad. The application shall be accompanied by complete maps and profiles of the proposed road. A public hearing shall be held, and arguments heard for and against the granting of such certificate. Upon the granting of such certificate, the applicant railroad shall, before commencing construction, submit to the Commission a condensed specification of the kind and character of construction that it proposes to install. Upon receiving such specification, the Commission shall examine same and determine whether the proposed construction will be adequate for securing and protecting the public safety, and shall grant an order approving such specification.

The Commission shall also, after public hearing, determine the manner in which such applicant railroad shall cross the lines of other railroads, prescribe the kind of protective appliances to be installed at such crossings, and fix the proportion of expense of constructing such crossing and the expense of operating the safety devices ordered installed, which shall be paid by the interested railroads. Upon the completion of the construction, and before opening the line for public service, the Commission shall examine, or cause to be examined, such line, and if found to be constructed in accordance with the approved specifications and in a manner to conserve and protect the public safety, an order authorizing the operation of the line shall be granted.

Under the provisions of this law, the following applications were disposed of during the year covered by this report:

No. 1.

In re APPLICATION OF WISCONSIN NORTHERN RY. CO.

Application was filed July 1, 1907, for a certificate of convenience and necessity authorizing the construction of a railroad from a point in township 31 north, of range 14 east, to a point in township 36 north, of range 14 east, and to extend the line of the applicant from a point of connection with the Minneapolis, St. Paul & Sault Ste. Marie Ry. Co., in township 37 north, of range 13 east, north to the state line.

The hearing was held on July 30, 1907, C. H. Hartley and M. J. Wallrich appearing for the applicant, and no one appearing in opposition.

On the date of the hearing a certificate was issued, authorizing the construction of the extension of the line of railroad of the applicant as follows: commencing at the north line of sec. 16, township 31 north, of range 14 east, thence in a northerly direction to the south line of sec. 29, township 36 north, of range 13 east.

On May 19, 1908, the specification of the construction of the extension was approved by the Commission.

No. 2.*In re* APPLICATION OF SOUTHERN WISCONSIN RY. CO.

Application filed July 1, 1907, praying that a certificate be issued for the construction of an extension of its system from Madison, through the village of McFarland, to the city of Stoughton. Such extension to be operated as an interurban electric railway. The matter was set for hearing for July 30, 1907. Prior to such time the application was withdrawn, and the application mentioned in No. 4 was filed.

No. 3.*In re* APPLICATION OF EASTERN RY. CO. OF MINNESOTA.

Application filed July 22, 1907, praying that a certificate issue that public convenience and necessity require the construc-

tion of an extension of the lines of railroad of the applicant in the city of Superior, Wisconsin.

The hearing was held on Aug. 15, 1907, C. H. Crownhart appearing for the applicant and John B. Sanborn for the Wisconsin & Northern Minnesota Ry. Co. No opposition was made to the granting of the certificate. On Aug. 16, 1907, a certificate was issued authorizing the construction of an extension of the lines of the applicant as follows: commencing at the bridge of the Duluth & Superior Bridge Company, which connects Rice's Point in the state of Minnesota with Connor's Point in the state of Wisconsin, thence in a general easterly direction down the bay shore of the Bay of Superior, and terminating at or near Pouilliot avenue, in the townsite of Middleton, city of Superior; the portion thereof covered by the certificate being between said Pouilliot avenue and "E" street, in Roy's addition to the city of Superior.

On Aug. 27, 1907, the specification of the construction of the proposed extension was approved by the Commission.

No. 4.

In re APPLICATION SOUTHERN WISCONSIN RY. CO.

Application filed July 30, 1907, praying that a certificate issue, authorizing the construction of an extension of the lines of the applicant from Madison, through the village of McFarland, to the city of Stoughton. The applicant operates the street railway system in the city of Madison. The proposed extension to be operated as an interurban electric railway.

The hearing was held at the office of the Commission on Sept. 2, 1907. The following appearances were entered: Jones & Schubring for applicant; John A. Aylward and Joseph C. Schubert for the city of Madison; R. M. Bashford for Paul Harloff and others; C. F. Lamb for Lillie McCue; Thomas S. Nolan for Janesville & Madison Railway Co; Levi B. Carle and S. B. Heddles for the city of Janesville. Various other parties appeared in their own behalf. Further hearing was set for Oct. 1, 1907.

On Sept. 28, 1907, the attorneys for the applicant filed a statement withdrawing the application, giving as the reason, that

much opposition to the granting of the certificate had arisen in unexpected quarters, and that it would be impracticable to undertake the enterprise without the co-operation of the public.

No. 5.

In re APPLICATION WISCONSIN & NORTHERN MINNESOTA RY. CO.

Application filed Aug. 13, 1907, praying that a certificate issue that public convenience and necessity require the building of certain lines of railroad in the city of Superior, Wisconsin.

Hearings were held at the office of the Commission, in the city of Madison, on Sept. 4, 1907; at the city of Superior before Commissioner Erickson, on Sept. 6; and at the city of Minneapolis, Minn., on Sept. 9. At such hearings the applicant was represented by L. K. Luse. In opposition to the granting of the certificate, J. A. Murphy appeared for the Lake Superior Terminal & Transfer Ry. Co., Louis Hanitch appeared for the Northern Pacific Ry. Co. and C. H. Crownhart appeared for the Duluth & Superior Bridge Co. The local situation was examined by Commissioner Erickson and by the chief engineer of the Commission.

On Sept. 26, 1907, a certificate issued authorizing the construction of a line of railroad as follows:

Beginning at the south line of block thirty-seven (37,) South Superior, Central division, in the north-east quarter (N. E. $\frac{1}{4}$) of section ten (10), township forty-eight (48) north, of range fourteen (14) west, and extending in a northerly and north-easterly direction to the Duluth-Superior Bridge at the northerly end of Connor's Point, and thence across said bridge to the state line between the states of Wisconsin and Minnesota, with a branch line leaving the main line above mentioned in lot one (1), block five hundred eight (508), of Sweetser division, and extending in a north-easterly direction across and upon the rights of way of the Northern Pacific Ry. Co., Chicago, St. Paul, Minneapolis & Omaha Ry. Co., and the Lake Superior Terminal & Transfer Ry. Co., to, upon and over block five hundred (500) in said Sweetser division, and thence easterly to the established dock line in the St. Louis river, the said main line of railroad, when so built, to connect at the south line of said block thirty-seven (37) with a line of railroad to be built and constructed by the Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

On Dec. 24, 1907, a condensed specification of the kind and character of construction to be used in the proposed line was filed with the prayer that the same be approved, as required by statute. The application came on for hearing on Feb. 17, 1908.

Luse, Powell & Luse appeared for the petitioner. Solon L. Perrin appeared for the Chicago, St. Paul, Minneapolis & Omaha Ry. Co., J. A. Murphy appeared for the Great Northern Ry. Co. and the Lake Superior Terminal & Transfer Ry. Co. Louis Hanitch appeared for the Northern Pacific Ry. Co. V. D. Simar appeared for the Duluth, South Shore & Atlantic Ry. Co.

The decision and order of the Commission, approving the specifications, was rendered on May 26, 1908. The following is the syllabus of such decision:

An application for an order approving the condensed specification for the construction of applicant's proposed line of railroad, and authorizing the construction thereof in accordance therewith, and also determining the manner of certain proposed crossings of the tracks of other railway companies.

Held: 1. That such specification complies with all the requirements of the statute and demands of the Commission, and that the proposed construction will be adequate for securing and protecting the public safety in the operation of said proposed line of railroad.

2. That the angles and points of the proposed crossings were determined primarily when the Commission found, upon the hearing of the initial application, made under ch. 454, Laws of 1907, that public convenience and necessity required the construction of the proposed line of railroad, and approved the maps showing the proposed route of said railroad and the points and angles of the crossings.

3. That the constitutionality of sec. 1797-56, as far as the same relates to the apportionment of the expense of constructing, maintaining and operating crossings and safety appliances, is not a question that may be passed upon by the Commission, but that the presumption, that the law is valid, must prevail in all proceedings brought in pursuance thereof, until the supreme court declares the provision challenged to be in violation of the Constitution and void.

4. That the location of existing lines of railroad at the head of the lakes, the topography of the country, and other important considerations, render it impracticable to require a separation of grades at the proposed crossings.

5. That by charging the entire cost of originally constructing the crossing to the junior road, and dividing equally the cost of subsequently maintaining and operating the crossing be-

tween the roads whose tracks form the crossing, an equitable apportionment of the expense of "originally constructing, operating and maintaining" the crossing will be made.

6. That certain of the proposed crossings should be protected by interlocking, derailing and signal systems, and that, as the duty of protecting such crossings is owing to the public alike by the owners of the respective tracks, the burden of constructing, maintaining and operating the interlocking plants should be borne by them equally.

7. Order entered approving the specification, requiring the crossings to be at grade, interlocking plants to be installed, and apportioning the cost of the crossings and interlocking plants.

No. 6.

In re APPLICATION MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE Ry. Co.

Application filed Aug. 13, 1907, praying that a certificate of public convenience and necessity issue authorizing the construction of an extension of the line of railroad of the applicant in the county of Douglas, Wisconsin.

The proceedings in this case were held jointly with the proceedings relating to the application of the Wisconsin & Northern Minnesota Ry. Co., No. 5, the same attorneys appearing in both cases.

The certificate was issued on Sept. 24, 1907, authorizing the construction of a line as follows:

Beginning at a point in the south-east quarter of the south-east quarter of section 7, township 47 north, of range 15 west, being a point on the state line between the states of Wisconsin and Minnesota, extending thence through the county of Douglas, in the state of Wisconsin, to a point on the south line of block 37, South Superior, Central division, in the north-east quarter of section 10, township 48 north, of range 14 west; said extension to connect at the point aforesaid with the proposed railroad to be constructed by the Wisconsin & Northern Minnesota Ry. Co.

On Dec. 24, 1907, the applicant filed its condensed specifications, showing the manner of construction of its proposed line. The hearings were held and the case considered in connection with No. 5. On May 26, 1908, an order issued approving the plans and specifications, providing the manner in which other

railroads should be crossed, and apportioning the expenses of operating the crossings. This order will be found in the second volume of the Decisions of the Commission.

No. 7.

In re APPLICATION INTERSTATE TRANSFER RY. CO.

Application filed Aug. 12, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of a line of railroad by the applicant, in Douglas county, Wisconsin.

Hearing was held Sept. 3, 1907. Solon L. Perrin appearing for the applicant and J. A. Murphy for the Great Northern Ry. Co.

The certificate was issued Sept. 4, 1907, authorizing the construction of a line as follows:

Section No. 1 of said railroad shall begin at station 321-32 in the St. Louis river on the Minnesota state line, in lot two, in section twelve, in township forty-eight north, of range fifteen west, in Douglas county, Wisconsin, running thence in a generally easterly direction a distance of 25,892 feet, to a point designated as station 62-40, where said railroad connects with the line of road of the Great Northern Ry. Co. in the south-east quarter of the north-east quarter of section fifteen, in township forty-eight north, of range fourteen west, in Douglas county, Wisconsin.

Section No. 2 shall begin at station O, in the north-west quarter of the south-west quarter of section fifteen, in township forty-eight north, of range fourteen west, in Douglas county, Wisconsin, connecting at said station with section No. 1 of said railroad, and running thence, in a generally easterly and north-easterly direction, a distance of 50,176 feet, to a point designated as station 501-76.0, in the south-west quarter of section twenty-seven, in township forty-nine north, of range thirteen west, in Douglas county, Wisconsin.

Condensed specifications for the construction of section No. 1 of the proposed railroad were filed on Aug. 21, 1908, and on that date an order issued approving said specifications and authorizing the applicant to construct its line in accordance with said plans and specifications.

No. 8.

In re APPLICATION EASTERN RY. CO. OF MINNESOTA.

Application filed Aug. 23, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of a line of railroad by the applicant, in the city of Superior in Douglas county, Wisconsin.

The matter was set for hearing and continued from time to time at the request and by the consent of the parties interested, and is pending before the Commission at the date of this report.

No. 9.

In re APPLICATION CONTINENTAL REALTY CO., MILWAUKEE.

Application filed Oct. 4, 1907, praying that a certificate of public convenience and necessity issue, authorizing the construction of mains and tunnels in highways, streets, alleys and avenues, for the purpose of furnishing and supplying heat, light and power to buildings situated in certain portions of the second, fourth and sixth wards of the city of Milwaukee, Wisconsin.

The matter was set for hearing for Oct. 22, 1907, and continued pending negotiations for settlement, and on Nov. 30, 1907, an answer and objections were filed by The Milwaukee Electric Railway & Light Co. and the Central Heating Company. Further proceedings were dropped on the part of the applicant.

No. 10.

In re APPLICATION CHICAGO & MILWAUKEE ELECTRIC RY. CO.

Application filed Jan. 6, 1908, praying that a certificate of public convenience and necessity issue, authorizing the building and location by the applicant of its yards, side tracks, switches, shops, warehouses, wharves and docks, in the city of Milwaukee, and setting forth the land which applicant desires authority to acquire by condemnation proceedings.

The matter was set for hearing for Feb. 17, 1908, was continued, and later the application was withdrawn.

No. 11.

In re APPLICATION MILWAUKEE & FOX RIVER VALLEY RY. CO.

Application filed Mar. 13, 1908, praying that a certificate of public convenience and necessity issue, authorizing applicant to build and operate a line of street and interurban railway, commencing in the city of Milwaukee, running thence northerly and north-westerly through the counties of Milwaukee, Washington, Ozaukee, Sheboygan, Manitowoc, Calumet, Winnebago and Outagamie, to and into the city of Appleton; also commencing in the city of Fond du Lac, running thence northerly and north-easterly through the counties of Fond du Lac and Calumet, such line running through the cities and villages of Cedarburg, Newburg, Plymouth, Elkhart, Kiel, New Holstein, Stockbridge, Appleton, Fond du Lac, Taycheedah, Kaukauna and Menasha.

Hearing was held on Apr. 14, 1908, at the office of the Commission in Madison, appearances being entered as follows: Krons-hage, McGovern & Fritz for applicant; Winkler, Flanders, Bot-tum & Fawsett for Milwaukee & Northern Ry. Co.; C. M. Rose-crantz for The Milwaukee Light, Heat & Traction Co.; J. F. Bruss for Cedarburg.

Further hearings were held at Fond du Lac on May 11, 12, and 13, and at Milwaukee on May 14, 1908, at which was entered the additional appearance of J. E. McMullen for the Fond du Lac & Northeastern Ry. Co.

The Milwaukee & Northern Ry. Co. moved that the applica-tion herein be dismissed for the reasons following: 1. That no proof was filed of the proper publication of the applicant's articles of incorporation; 2. that the application was not accompanied with proper maps and profiles of the proposed route; 3. that the application was not properly authorized by the board of direct-ors of the applicant; 4. that at the time of the application the applicant had not adopted any route or right of way and had not surveyed its proposed line; 5. that the route described in the ap-plication does not conform to the articles of association of said applicant; 6. that the application does not provide for terminals; 7. that the application is the individual act of the president of the applicant corporation and is wrongfully and untruly verified as the act of the corporation. This motion was submitted on June 18, 1908, and a decision, denying same, was tendered sub-sequent to the date of this report and will be found in the second volume of the Decisions of the Commission. The case on the mer-its of the application is still pending.

No. 12.

In re APPLICATION THE MILWAUKEE LIGHT, HEAT & TRACTION CO.

Application filed May 29, 1908, praying that a certificate of public convenience and necessity issue, authorizing the applicant to extend its line of railroad from a point on Richards avenue in the city of Watertown, Wisconsin, along Richards avenue, Western avenue, Fifth street, Main street, to the tracks of the Chicago & Northwestern Ry. Co., and along North Montgomery street and South Montgomery street, all in the city of Watertown.

The matter was set for hearing for June 22, 1908, but no further proceedings were had, it being the opinion of the Commission that no certificate of public convenience and necessity was necessary for the building of the proposed extension.

No. 13.

In re APPLICATION OF THE TWIN CITY & LAKE SUPERIOR RY. CO.

Application filed June 2, 1908, praying that a certificate of public convenience and necessity issue, authorizing the construction of that portion of its authorized line of railroad lying in the state of Wisconsin.

Hearing was held on June 29, 1908. W. E. Foran appeared for the applicant.

The certificate was issued on July 15, 1908, authorizing the construction of that portion of the authorized line of the Twin City & Lake Superior Ry. Co., beginning at a point on the state line between the states of Minnesota and Wisconsin, in section thirty-three, township thirty-six north, range twenty west, where the Saint Croix River forms the boundary line between the states of Minnesota and Wisconsin, in a generally north-easterly direction through the counties of Polk and Burnett in the state of Wisconsin, to a point in section five, township forty north, range seventeen west, on the boundary line between the states of Minnesota and Wisconsin, where the Saint Croix river forms such boundary line; which portion of said line of railroad connects with those portions thereof lying in the state of Minnesota, and with the same forms a continuous line of railway extending from the cities of St. Paul and Minneapolis, Minnesota, to the city of Duluth, Minnesota.

PART VII.

Applications for Authority to Issue Stocks, Notes and Bonds.

Under the provisions of ch. 576, Laws of 1907, no public service corporation shall issue any stock, stock certificates, bonds or other evidences of indebtedness payable in more than one year from date, until it shall have obtained authority for such issue from the Railroad Commission. The law provides that the applicant shall file with the Commission a sworn statement and prescribe what such statement shall cover. The Commission may demand further information, statements and evidence and take testimony, and shall issue a certificate setting forth the amount, character, purposes and terms in which such stocks, certificates of stock, bonds or other evidences of indebtedness shall issue. In case such stocks and bonds shall be issued in whole or in part for property or services, the Commission shall determine and set forth in such certificate the true value of such property or services.

The Commission in its certificate requires the applicant company to file with the Commission, within thirty days after the application of the proceeds derived from the sale of the bonds, stocks or other evidences of indebtedness to the purposes authorized in the certificate, a verified statement showing that the proceeds have been applied in accordance with the terms of the certificate.

Under the provisions of this chapter the following applications were disposed of during the year covered by this report.

No. 1.

*Southern Wisconsin Ry. Co.,
Madison.*

Certificate issued Sept. 26, 1907.

Authority is granted to issue \$300,000.00, par value, of serial bonds, drawing interest at the rate of 6 per cent per annum and maturing at intervals of six months, the last \$30,000.00 maturing on Aug. 1, 1915.

The purposes for which these bonds are authorized, are: the rebuilding of portions of the company's track, \$159,000.00; extending the line to the east, \$38,000.00; extending the line to the Dane county fair grounds, \$18 000.00; purchase of cars, \$35,000.00; erection and equipment of a power plant, \$137,660.00; payment of floating debt, purchase of road roller, sprinkling car and tower car.

The applicant filed a statement, duly signed and verified by its president and secretary, setting forth a, the amount and character of the proposed bonds; b, the purposes for which they are to be issued; c, the terms on which they are to be issued, d, the total assets and liabilities of the corporation, as required by ch. 576, Laws of 1907; and satisfactorily complied with all the requirements of the Commission by furnishing at different times statements and evidence at its request, from which it appeared that the bonded indebtedness had been fictitiously increased by means of reorganizations until at present the outstanding indebtedness amounts to \$96,000.00 per mile, while the cost of reproduction new to-day at existing high prices is less than \$31,000.00 per mile.

Held: 1. That notwithstanding the fictitious increase of the indebtedness of the corporation, the Commission may not refuse to grant its certificate authorizing the proposed issue of bonds if the applicant has fully complied with the requirements of the statute and no illegality exists either in the amount, character, purposes or terms of the proposed issue.

2. That the function of the Commission is administrative and limited to determining whether the issue is lawful and for lawful purposes; and also ascertaining the financial condition of the corporation. This Commission acts in the matter as an information and registration bureau.

3. That the Commission may not impose limitations not authorized by the statute nor determine the purposes, terms or

conditions upon which such bonds are to be issued, but is obliged to issue its certificate authorizing the issue of such bonds to the amount, for the purposes, and upon the terms proposed by the corporation, if they are legal.

4. That, under that provision of the act imposing upon the Commission the duty of doing and performing all acts necessary to carry out the provisions of the act, it may require in its certificate that upon the sale of the bonds thereby authorized, a verified statement shall be filed by the corporation with the Commission showing the proceeds derived from the sale, and that after the application of such proceeds to the purposes authorized in the certificate, a verified statement shall be filed likewise showing in detail the items for which the same are expended.

No. 2.

*Interstate Transfer Ry. Co.,
Superior.*

Certificate issued Sept. 16, 1907.

Applicant is authorized to issue \$500,000 of common stock, being 5,000 shares, par value \$100.00 each, said stock to be issued at par, for money only. Names of subscribers to this stock are to be filed with the Commission within ten days after said stock has been fully paid; and within thirty days after the proceeds of said stock shall have been expended, a verified statement is required to be filed with the Commission showing the purposes, itemized, for which said proceeds have been expended.

The proceeds of the sale of said stock are to be applied solely for the purposes of securing a right of way, yard grounds, terminal grounds and other real estate, constructing its main line, sidings, turnouts, round houses, shops, yards and other appurtenances and appliances necessary to and convenient for the safe and economical operation of said railroad, and equipping the same with necessary locomotives, cars and other rolling stock,

No. 3.

Tomahawk & Eastern Ry. Co.,

Tomahawk.

Certificate issued Aug. 12, 1907. .

Applicant is authorized to issue \$25,000.00, face value, stock, in exchange for money only; said issue to be 250 shares of \$100.00 each.

The purpose to which the proceeds of the sale of said stock is to be devoted is to obtain working capital for the maintenance and operation of a line of railroad extending from the city of Tomahawk eastward to Harrison, and from Antigo Jct. southward to Grand Jct., all in Lincoln county, Wisconsin.

No. 4.

Chippewa Valley Railway, Light & Power Co.,

Eau Claire.

Certificate issued Aug. 27, 1907.

Applicant is authorized to issue bonds to the amount of \$650,000.00 at par value, payable in seventeen years, bearing interest at the rate of 5 per cent, payable semi-annually, principal and interest payable in gold coin; said bonds to be issued for money only and for not less than 75 per cent of the par value thereof.

The proceeds of the sale of said bonds are to be applied solely to the following purposes: a. To the retirement of the \$200,000.00 outstanding Chippewa Valley Electric Railroad Company first mortgage 6 per cent bonds, provided that not more than \$205,000.00 shall be required for this purpose; and, b., to the retirement of the \$300,000.00 outstanding Chippewa Valley Electric Railroad Company 5 per cent bonds, provided that not more than \$160,000.00 shall be required for this purpose; and, c., to the retirement of the \$200,000.00 bonds of the Eau Claire Light & Power Company outstanding, bearing interest at the rate of 6 per cent, provided that not more than \$152,500.00 shall be required for this purpose.

Any portion of said proceeds remaining after the payment and retiring of said outstanding bonds to be used exclusively for the purpose of developing the property of said Chippewa Valley Railway, Light & Power Company.

No. 5.

*Chippewa Valley Railway, Light & Power Co.,
Eau Claire.*

Certificate issued Aug. 27, 1907.

Applicant is granted authority to issue \$100,000.00 of 7 per cent cumulative preferred stock, for money only and at par value.

The proceeds of the sale of such preferred stock are to be used exclusively for developing the undeveloped water powers of the company.

No. 6.

*Waupaca-Green Bay Ry. Co.,
Waupaca.*

Certificate issued Aug. 29, 1907.

Applicant is authorized to issue \$60,000.00 of first mortgage, 6 per cent gold bonds, for money only, being of \$500.00 each and to be payable four on the first of July each year, beginning in 1909; also \$70,000.00 of stock, being 700 shares of \$100.00 each, to be issued for money only and at par value.

The proceeds of the sale of such bonds and stock shall be applied solely for the purposes of constructing and equipping applicant's proposed line of railroad, purchasing necessary terminals in the city of Waupaca and in the village of Scandinavia, and constructing a spur track to the plant of the Waupaca Granite & Quarry Co.

No. 7.

*Wisconsin Valley Improvement Co.,
Wausau.*

Certificate issued Sept. 19, 1907.

Authority is granted to issue \$100,000.00 of stock, for money only, and at par value.

The proceeds from the sale of said stock are to be devoted solely to the purpose of purchasing existing dams and reservoirs, and constructing and acquiring other dams and reservoirs and lands necessary therefor, as authorized by ch. 335, Laws of 1907.

No. 8.

*Milwaukee & Fox River Valley Ry. Co.,
Elkhart Lake.*

Certificate issued Oct. 18, 1907.

Authority is granted to issue \$200,000.00 of 5 per cent gold bonds, payable in thirty years, to be issued for money only and for not less than 75 per cent of the par value.

The proceeds of the sale of such bonds shall be applied solely to the payment of the outstanding indebtedness of the company and to the completion and equipment of its railway.

No. 9.

Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.

Application filed on Sept. 26, 1907, for authority to issue \$4,200,000.00 of stock. An increase of \$21,000,000.00 in the capital stock of the company had been voted by the directors, but the amendment to the articles of incorporation providing for this increase of stock had never been filed, as required by law, in the office of the secretary of state. The Commission took the view that it should not grant the company's application for authority to issue the proposed \$4,200,000.00 of stock until an amendment to the articles of incorporation providing for the proposed stock increase of \$21,000,000.00, of which the \$4,200,000.00 was to be a part, had been filed with the secretary of state. From this view the company dissented and the Com-

mission sought the advice of the attorney general, being advised that the proposed increase of capital stock by resolution amounted to an amendment to the articles of incorporation and must be recorded and filed, and that the certificate applied for should not issue until such amendment be recorded. Applicant appealed from the Commission to the circuit court for Dane county and was there sustained. Upon review by the supreme court, the lower court was reversed and the Commission was sustained. Therefore the certificate applied for was not granted.

No. 10.

Chicago, St. Paul, Minneapolis & Omaha Ry. Co.

Certificate issued Oct. 19, 1907.

Authority is granted to issue \$3,591,000.00 bonds as follows:

1. 469 bonds, \$1,000.00, drawing interest at the rate of $3\frac{1}{2}$ per cent, and 230 bonds, \$1,000.00 each, bearing interest at 6 per cent, which bonds are to be used for the purpose of reimbursing the treasury of the company for the cost of constructing the line between Tuscobia and Draper in Wisconsin, and between Hartington and Crofton in Nebraska.

2. 1,514 bonds of \$1,000.00 each, drawing not to exceed 6 per cent interest, the proceeds to be used to retire bonds of the Chicago, St. Paul & Minneapolis Ry. Co., now outstanding.

3. 641 bonds of \$1,000.00 each, drawing interest not exceeding 6 per cent, proceeds to be used for retiring bonds of the North Wisconsin Ry. Co., now outstanding.

4. 335 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, proceeds to be used to retire bonds of the St. Paul, Stillwater & Taylors Falls R. R. Co., now outstanding.

5. 125 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, proceeds to be used for retiring bonds of the Hudson & River Falls Ry. Co., now outstanding.

6. 277 bonds of \$1,000.00 each, drawing not more than 6 per cent interest, to be used to pay cost of constructing line between Newcastle and Wynot in Nebraska.

All of these bonds are to be issued for money only and for not less than 75 per cent of their par value.

No. 11.

*Whitewater Water Works Co.,
Whitewater.*

Certificate issued Oct. 25, 1907.

Authority is granted to issue \$2,000.00 par value bonds, drawing interest at the rate of 6 per cent, to be issued at par value and for money only.

The proceeds to be used solely for the payment of extensions and improvements of the plant of the company.

No. 12.

*West Bend Heating & Lighting Co.,
West Bend.*

Certificate issued Nov. 5, 1907.

Authority is granted to issue \$25,000.00 of stock, par value, and in return for the money and property actually received by the company at the values set for in the certificate, including an electric lighting plant, central heating system, accounts receivable and cash.

No. 13.

*Lake Superior Southern Ry. Co.,
Oshkosh.*

Certificate issued Dec. 2, 1907.

Authority is given to issue \$900,000.00 of joint bonds with the Lake Superior Southern Ry. Co., a Michigan corporation, said bonds to be of \$1,00.00 each, par value, to be issued partly for money and partly for property scheduled and at values set forth in the certificate, and to bear interest at the rate of 5 per cent.

Two hundred of said bonds are to be issued for labor and property described in the certificate, and seven hundred are to be issued for money only, at par value, less a reasonable amount, not more than 25 per cent, as a discount for negotiating the same.

No. 14.

Chicago & Milwaukee Electric Co.

Certificate issued Dec. 2, 1907.

Authority is granted to issue \$2,100,000.00 of twenty-year, 5 per cent gold bonds, in denominations of \$1,000.00 each.

Bonds are to be issued on the basis of 85 cts. on the dollar of the face value thereof, the proceeds to be applied to the payment of the cost of construction work and property scheduled and valued in the certificate.

No. 15.

Menomonee Falls Electric Light Co.,

Menomonee Falls.

Certificate issued Apr. 15, 1908.

Authority is granted to issue \$10,000.00 of common stock and \$6,000.00 of bonds, for money and for property, being 400 shares, of the face value of \$25.00. The bonds shall be 60 in number, of par value of \$100.00 each, bearing 6 per cent interest and payable in gold.

The proceeds of the sale of 140 shares of the stock shall be expended in the purchase of additional machinery, and the other 260 shares of stock authorized to be issued shall be exchanged for the property of an electric plant described in the certificate. The proceeds from the sale of the bonds, which are to be issued for money only at not less than 75 per cent of the face value, are to be expended in purchase of property and enlargement of the plant.

No. 16.

Racine Gas Light Co.,

Racine.

Certificate issued Feb. 4, 1908.

Authority is given to issue \$300,000.00 par value, 5 per cent, thirty-year, consolidated gold bonds.

The proceeds from the sale of said bonds are to be used to pay for extending and developing the plant of the company, for per-

manent betterments and improvements, for the purchase of additional machinery, for the payment of unpaid current bills incurred for the same purposes, and to refund existing indebtedness for the same purposes.

No. 17.

*Waupaca-Green Bay Ry. Co.,
Waupaca.*

Certificate issued Feb. 8, 1908.

Authority is granted to issue \$60,000.00 of 6 per cent gold bonds, maturing in 1928, there being 120 such bonds of par value of \$500.00 each.

The proceeds of the sale of said bonds are to be used solely for the retirement of the issue of \$60,000.00, authorized by the Commission on Aug. 29, 1907, and said bonds shall be issued for money only for not less than 75 per cent of the par value, but may be assigned as collateral security on a note or notes for the purpose of raising money with which to pay construction indebtedness.

No. 18.

*La Crosse Water Power Co.,
La Crosse.*

Certificate issued Feb. 25, 1908.

Authority is granted to issue \$2,000,000.00 of 5 per cent bonds, part of \$500.00 each, and part of \$1,000.00 each, to be issued for money only at not less than 75 per cent of the par value.

The proceeds from the sale of these bonds shall be applied to pay existing liabilities outstanding against the company, to acquire additional property, to extend and improve the plant and further develop the business.

No. 19.

*Rhineland Power Co.,
Rhineland.*

Certificate issued Feb. 20, 1908.

Authority is granted to issue \$15,000.00 preferred stock, being 150 shares of \$100.00 each, bearing guaranteed dividends of 8 per cent per annum.

Such stock is to be issued for money only at the par value thereof, and the proceeds are to be used solely for the payment of the bills payable of the company.

No. 20.

*The Milwaukee Electric Railway & Light Co.,
Milwaukee.*

Certificate issued Feb. 21, 1908.

Authority is granted to issue \$608,000 bonds, bearing $4\frac{1}{2}$ per cent interest, payable in gold and maturing on Jan. 1, 1931.

Said bonds are to be disposed of for money only at not less than 80 per cent of par value, and the proceeds thereof are to be used for payment of obligations of the company, extending and bettering the property and acquiring additional property.

No. 21.

*Ashland Power Co.,
Ashland.*

Certificate issued Feb. 27, 1908.

Authority is granted to issue \$50,000 common stock, being 500 shares of \$100.00 each and 500 shares of preferred stock at \$100.00 each, aggregating \$50,000; and \$300,000.00 par value 6 per cent gold bonds of \$1,000.00 each, maturing in twenty years.

Of the common stock, \$30,000.00 is to be issued for money only at par value, \$20,000.00 shall be issued at par value and may be exchanged for stock of the Ashland Light, Power & Street Ry. Co., valued at $93\frac{1}{2}$ per cent of the face value; the preferred stock shall be issued for money only and at par value.

Of the \$300,000.00 of bonds, \$167,000.00, at par value, may be exchanged for stock of the Ashland Light, Power & Street Ry. Co., valued at $93\frac{1}{2}$ per cent of the face value; and \$133,000.00 may be disposed of for money only, at not less than 75 per cent of par value.

The proceeds from the sale of these securities shall be used in developing and improving the company's property, and acquiring and developing water power and other property.

No. 22.

*Wausau Street Ry. Co.,
Wausau.*

Certificate issued Feb. 28, 1908.

Authority is granted to issue \$198,000.00 of common stock and \$240,000.00 of bonds, partly for money and partly for property. The stock will be in 1,980 shares of \$100 each, par value, and the bonds shall be 6½ per cent gold bonds, payable when the directors of the corporation may determine. The stock shall be issued at par value for money only, but the corporation may use said stock at the par value thereof in exchange for stock of the Wausau Electric Co., and also in exchange for certain bonds as provided in the certificate. The bonds shall not be sold for less than 75 per cent of par value.

The proceeds from the sale of the bonds, and the money derived from the stock which may be sold for money, will be devoted to the purchase of the Mosinee water power on the Wisconsin river from the Joseph Desert Lumber Co. The petitioner may purchase part of the stock of the Wausau Electric Co., not exceeding \$75,000.00 par value, and pay for the same in bonds of the Wausau Street Ry. Co., at 80 per cent of face value.

No. 23.*Union Refrigerator Transit Co. of Wisconsin.
Milwaukee.*

Certificate issued Mar. 12, 1908.

Authority is granted for the issuing of \$480,000.00 bonds, par value, of various denominations, drawing interest at the rate of 6 per cent, payable upon the presentation of coupons attached to the bonds. The bonds are to be issued at par with accrued interest, for cash.

The purpose for which said bonds are to be issued is to pay off certain lease warrants or notes for such amount, payable by said corporation, which mature on May 1, 1908.

No. 24.

*Northern Hydro-Electric Power Co.,
Oshkosh.*

Certificate issued Mar. 20, 1908.

Authority is granted to issue \$1,000,000.00 common stock, in 10,000 shares of \$100.00 each, to be issued for money only and at par value.

The proceeds from the sale of such stock shall be devoted to the purchase of properties described in the certificate, being parcels of land, together with water powers, charter rights, appurtenances and improvements already made, and for any other lawful purpose.

No. 25.

*Citizens' Gas Co.,
Burlington.*

Certificate issued Mar. 25, 1908.

Authority is given to issue \$10,000.00 of stock, being 100 shares of \$100.00 each, par value, to be issued for money only at face value.

The proceeds from the sale of said stock are to be used solely for the payment of the cost of building and installing a gas plant, providing services and extensions and working capital.

No. 26.

*Langlade Power Co.,
Milwaukee.*

Certificate issued April 1, 1908.

Authority is granted to issue \$300,000.00 of common stock, being 3,000 shares of \$100.00 each, par value, to be issued for money only and at par value.

The purposes for which the proceeds from the sale of said stock are to be used are the purchase of undeveloped water power or powers, or for any other lawful purpose consistent with its articles of incorporation.

No. 27.

*La Crosse Water Power Co.,
La Crosse.*

Certificate issued April 3, 1908.

Authority is granted to issue \$500,000.00 of promissory notes, for money only, and bearing interest at the rate of 6 per cent. The notes to be of denominations of \$500.00 and \$1,000.00, and to run for two years.

The money to be so raised is to be used to pay outstanding indebtedness of the corporation, to acquire additional property, to extend and improve its plant, and to further develop its business.

No. 28.

Wisconsin Central Ry. Co.

Certificate issued May 8, 1908.

Authority is granted to issue \$120,000.00 par value of bonds, for money only, said bonds to be 120 in number, of \$1,000.00 each and bearing interest at the rate of 6 per cent.

Said bonds to be issued at par value, and the proceeds derived from the sale thereof to be used for the purchase of ten new locomotives.

No. 29.

*Eau Claire Gas Light Co.,
Eau Claire.*

Certificate issued May 8, 1908.

Authority is granted to issue \$45,000 par value of bonds, for money only, to be of denominations of \$500.00 or \$1,000.00 each, payable in 1925 and bearing interest at the rate of 5 per cent.

The proceeds derived from the sale of these bonds to be devoted to the payment of 80 per cent of the cost of additions to and improvements and betterments of the property owned by the applicant company.

No. 30.

*La Crosse Gas & Electric Co.,
La Crosse.*

Certificate issued May 9, 1908.

Authority is granted to issue \$100,000.00 of 5 per cent cumulative preferred stock, for money only and at the par value thereof.

The proceeds from the sale of such stock shall be applied solely to extensions and improvements of the present properties of the corporation, for paying for improvements which are made or to be made, for buying the properties of the Central Electric Co., and for carrying on the business of the La Crosse Gas & Electric Co.

No. 31.

*Lake Superior Southern Ry. Co.
Oshkosh.*

Certificate issued May 20, 1908.

Authority is granted to issue \$400,000.00 of joint promissory notes, with the Lake Superior Southern Ry. Co., a Michigan corporation, said notes to be of denominations of \$250.00, \$500.00 and \$1,000.00, bearing interest at the rate of 6 per cent, payable in two years.

Said notes to be sold for money only and at not less than 75 per cent of the face value thereof, and the proceeds thereof to be used for the construction of the proposed line of railroad from Huron Bay, on Lake Superior, to Champion, Michigan, and for the payment of other lawful indebtedness of the companies.

No. 32.

*Little Wolf Power Co.,
Oshkosh.*

Certificate issued May 19, 1908.

Authority is granted to issue \$250,000.00 of stock, in 2,500 shares of \$100.00 each, to be issued for money only and at the face value thereof.

The proceeds from the sale of said stock to be devoted to the purchase of water powers and other properties, as set forth in the certificate.

No. 33.

Manitowoc Gas Co.

Manitowoc.

Certificate issued May 19, 1908.

Authority is granted to issue \$20,000.00, par value, of bonds for money only, to be of \$1,000.00 each and bearing interest at the rate of 5 per cent.

The bonds to be sold for not less than 75 per cent of par value, and the proceeds to be applied to the purchase, cancellation and retirement of \$20,000.00, par value, of cumulative 6 per cent preferred stock of the company.

No. 34.

Milwaukee Light, Heat & Traction Co.

Milwaukee.

Certificate issued June 8, 1908.

Authority is granted to issue \$2,500,000.00 gold bonds, for money only, bearing interest at 5 per cent and running for thirty years.

Said bonds are to be issued for not less than 75 per cent of face value, and the proceeds to be used for the payment of obligations contracted for extensions, equipment and development of the railways and properties of the company, and for the purchase and acquisition of additional properties and of shares of stock of corporations owning electric light, gas and power plants, and also to pay for future extensions, equipment and development of the railways and properties of the company, and for other purposes as set forth in the mortgage securing said bonds.

PART VIII.

Suits By and Against the Commission.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RY. CO.

VS.

RAILROAD COMMISSION OF WISCONSIN.

On September 15, 1906, the Commission handed down a decision requiring the Minneapolis, St. Paul & Sault Ste. Marie Railway Company to erect and construct at a point on its line between the stations of Nye and Deronda, which point was formerly known as Dwight Siding or Spur, a station platform, and further ordered that it stop one local passenger train each way for the purpose of receiving and discharging passengers and express packages. The railway company brought an action under the provisions of sec. 16, ch. 362, Laws of 1905, in the circuit court for Dane county to vacate and set aside the said order. The judgment of the circuit court was to the effect that the order of the Commission was not unreasonable, and it refused to vacate the same. Appeal was taken to the supreme court and on June 5, 1908, the court handed down a decision of which the following is the syllabus, sustaining the order of the Commission:

"1. Constitutional Law—Constitution as Grant or Limitation of Power—State Constitution.

While the Constitution of the United States gives Congress power to make all laws necessary for carrying into execution the powers granted by that instrument, the Legislature of this state possesses such power without any enabling provision.

2. Same—Legislative Power—Delegation—Contingent Legislation.

The Legislature may delegate any power not legislative which it may itself rightfully exercise, and, where a preliminary de-

termination of a fact or group of facts is necessary before enforcing a law, the Legislature may declare the general rule of law to be in force and to take effect upon the subsequent establishment of the facts necessary to its application; the nature of the contingency being immaterial, if it be an equal and fair one, and not opposed to law or sound policy, and so far connected with the object and purpose of the statute as not to be arbitrary.

3. *Same—Regulation of Carriers—Railroad Commission—Orders—Review by Courts.*

Laws 1905, pp. 556, 559, c. 362, Secs. 12, 14, requires every railroad to furnish reasonably adequate service and that the charges therefor shall be reasonable and just, and authorized the railroad commission, upon complaint of any person, to investigate alleged unreasonable charges, and if they are found to be unreasonable or unjustly discriminatory, or the service found to be inadequate, the commission is given power to fix such rates, charges, etc., as shall be just and reasonable, and that rates, etc., fixed by the commission shall be prima facie reasonable until found otherwise. Section 16, p. 560, permits the railroad or other party in interest to obtain a review of the order of the commission by the circuit court, to vacate the order on the ground that the rate, etc., fixed is unlawful, or that any regulation is unreasonable, and places the burden on plaintiff to show by clear and satisfactory evidence that the order is unreasonable. Section 14, subd. 'a', empowers the commission, after hearing, to rescind or alter its orders. Section 28, p. 566, empowers it to fix emergency rates. Held, that the Legislature could confer upon the courts authority to inquire whether the orders of the commission were unreasonable and to vacate any unreasonable order, as the law assumes the existence of exactly reasonable rates, etc., which are unknown, and delegates to the commission only the power of ascertaining facts necessary to determine such reasonable rate and to make administrative regulations so that the courts, in reviewing the orders of the commission, exercise no legislative power, and are not required to ascertain any rate, or to declare any rule or law unreasonable, but merely to exercise judicial power in ascertaining whether the commission had declared an unreasonable rate; but neither the commission nor the court can be vested with discretion to determine whether the law declared by the Legislature shall or shall not go into effect in particular cases.

4. *Same—'Unreasonable Orders'.*

In reviewing the order of the railroad commission, the court's inquiry is not whether the rate or regulation fixed by the com-

mission is unreasonable, but whether the order of the commission is unreasonable or unlawful; and if the order is found to be such that reasonable men might differ as to its correctness, it can not be said to be unreasonable, and while the court may, to aid it in arriving at a correct conclusion, consider how far it differs from a reasonable rate, it can not legally declare any rate reasonable.

5. *Carriers—Regulation of Rates—Evidence—‘Clear and Satisfactory’—What Constitutes.*

Under Laws 1905, p. 549, c. 362, relating to a review of the orders, etc., of the railroad commission, and providing that in all trials the burden of proof shall be upon the plaintiff to show by clear and satisfactory evidence that the order complained of is unlawful or unreasonable, the ‘clear and satisfactory’ proof required by the statute is such proof as is necessary to establish fraud or prove mistake in the execution of a written instrument; but it is not necessary that the orders be confiscatory in character and effect to enable the court to review them, such a construction being negatived by Const. Art. 7, Sec. 8, giving circuit courts appellate jurisdiction of, and supervisory control over, all inferior courts and tribunals.

6. *Same—‘Confiscatory Orders’.*

‘Confiscatory orders’ are ordinarily, but not always, unlawful and unreasonable, and to be confiscatory an order of the railroad commission regulating rates, etc., must deprive the railroad of a fair return upon its property, and not merely reduce former rates or charges.

7. *Same—Unreasonable Order—Considerations in Determining.*

Under Laws 1905, pp. 556, 559, c. 362, Secs. 12, 14, requiring railroads to furnish adequate service, and that the charges and rates be reasonable, and permitting the railroad commission to fix reasonable rates, and section 16, permitting the railroad or other party in interest to have such orders reviewed in the circuit court in an action against a commission to vacate an order on the ground that it is unlawful or unreasonable, in determining whether any order is unreasonable, the court must consider that every unnecessary burden imposed upon the railroad impairs its net receipts and diminishes the margin between its gross receipts and the amount sufficient to assure a fair return on the value of its property, plus the amount of its fixed charges and operating expenses, and that the rights of the public and of the railroad require that this margin should ordinarily not be exhausted or impaired by orders of the commission as fast as it accumulates.

8. *Same—What Constitutes.*

Laws 1905, pp: 556, 559, c. 362, Secs. 12, 14, require railroads to furnish adequate service and that the rates and charges be reasonable, and upon complaint the railroad commission may investigate, and if such rate or charge is found unreasonable, may fix a reasonable rate. Section 16 permits the railroad or any party in interest to have such orders reviewed in the circuit court, from which an appeal may be taken to the supreme court. The commission after investigation, ordered defendant to construct at a point half way between two stations which were eight miles apart, there being a good road to it from one of the towns, and 61 and 69 miles, respectively, from Minneapolis, a platform suitable for loading cream and other merchandise shipped by express, and to enable passengers to get on and off trains, and ordered defendant to stop one local passenger train running each way, upon signal only, except during the cream shipping season. The point at which the platform was to be erected was in a dairy and agricultural community, consisting of 64 families of 294 persons, and the area for several miles around was tributary to the proposed station for railroad purposes, and the probable contribution to traffic from the proposed station would be sufficient to pay the railroad a small profit over the expense caused by the extra stop. The order did not prevent the trains affected thereby from making their usual connections. Held, that, though the supreme court would not have made the order under the circumstances had it been sitting as a commission, competent and reasonable men might differ as to its propriety or reasonableness and hence it was within the power of the commission, and will not be declared unreasonable."

DODGE, J., dissenting.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO.

VS.

RAILROAD COMMISSION OF WISCONSIN.

On June 1, 1907, the Commission handed down a decision in the case of *Harvey Clark vs. Chicago, Milwaukee & St. Paul Ry. Co.*, which involved the right of a railroad company to switch and deliver on its team track a car moved over another line of railroad. It was held in this case that there was no sufficient reason why delivery on a team track should stand on any different footing than a delivery on an industry track, where such industry track is built and maintained at the expense of the carrier; that the action of the respondent in this case, in refusing to switch and deliver on one of its team tracks in the city of Janesville a car of ice shipped over the line of the

Chicago & North Western Ry. Co., was unlawful; that under the provisions of sec. 11, ch. 362, Laws of 1905, as amended, it was the duty of the respondent to receive the car in question and switch and deliver the same on its team track, it being entitled to receive a reasonable compensation for such service, and the respondent was ordered to make future deliveries for the petitioner on the payment of two dollars for each car received from the Chicago & North Western Ry. Co. for delivery on the team track in question.

Following the rendering of this decision the respondent asked that the matter be re-heard, and on July 2, 1907, presented its argument. A decision on the re-hearing was handed down July 31, 1907, which sustained the former order of the Commission.

The railroad company appealed from this decision of the Commission to the circuit court of Dane county, and on Aug. 24, 1907, served on the Commission a summons and complaint praying that the said order be vacated and set aside, and that such further relief be granted as to the court may seem proper.

The papers were turned over to the attorney general, and at the date of this report the company had complied with the order of the Commission and the case in court is still pending.

WISCONSIN CENTRAL RY. CO.

VS.

RAILROAD COMMISSION OF WISCONSIN.

On July 31, 1907, the Commission rendered a decision *in re Rib River Land Co. vs. Upham Manufacturing Co., Wisconsin Central Ry. Co., Copper River Land Co.*, in which it ordered the Wisconsin Central Ry. Co. to operate or cause to be operated as a common carrier and for the benefit of shippers desiring to transport freight over same, a certain line of railroad extending about fifteen miles north from Athens, Wisconsin.

The Wisconsin Central Ry. Co. appealed from this decision to the circuit court of Dane county and on Sept. 3, 1907, served on the Commission a complaint and order to show cause why the time in which the above mentioned order became effective should not be extended. The papers in the case were turned over to the attorney general and at the date of this report the case is still pending.

RAILROAD COMMISSION OF WISCONSIN

VS.

CHICAGO & NORTH WESTERN RAILWAY CO.

RAILROAD COMMISSION OF WISCONSIN

VS.

CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO.

On August 13, 1906, the Commission rendered a decision in the matter of the *Southern Wisconsin Cheesemen's Protective Association vs. Chicago, Milwaukee & St. Paul Railway Company et al.*, in which it lowered the existing rates on cheese from concentration points to Milwaukee.

Following the rendering of this decision the said Association requested the Commission to bring an action before the interstate commerce commission asking that the interstate rates on cheese from concentration points in the state of Wisconsin to Chicago be lowered. Such complaint was filed on November 6, 1907. The hearing was held before Special Examiner John H. Marble at Madison on February 25, 1908, at which time the matter was submitted and the matter is now pending before the interstate commerce commission.

PART IX.

Rates Charged by Water, Gas, Electric, Heating and Telephone Companies.

I. Electric Rates.

ALBANY.

(Population 822)

ALBANY ELECTRIC LIGHT & MILLING CO.

Public service. 1 arc light, 1,000 c. p. dusk to 11 p. m., moonlight schedule, \$42 per lamp per annum. Incandescents, 60 cts. per c. p. per month on above schedule.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge 75 cts. per month; meter rent 10 cts. per month. Lamp renewals are free. Flat rates: 50 cts. per 16 c. p. equivalent for business places, 33 1-3 cts. per 16 c. p. equivalent for residences.—Arc lamps: flat rate, dusk to closing hour, \$36 per lamp per annum; discount, free use of one 16 c. p. incandescent lamp.—No power service.

ALGOMA.

(Population 2,008)

MUNICIPAL LIGHT PLANT.

Public service. 24 arc lamps, 1,200 c. p., moonlight schedule, \$85 per lamp per annum; 8 incandescents, \$4.50 per mo.

Commercial service. Incandescent. Meter rates: 11 cts. per kw. hr., minimum charge 50 cts. per month. Lamp renewals are not free.—Arc and tantalum meter rates same as above.—No commercial arc or power service.

ALMA.

(Population 1,172)

THE ALMA ELECTRIC LIGHT CO.

Public service. 7 arc lamps 120 c. p., dusk to midnight, \$60 per lamp per annum; 62 incandescents 16 c. p. at 60 cts. per 16 c. p. month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month, discount 10 to 40 per cent, according to the amount used. Flat rates: 40 cts. per 16 c. p. per month for stores, 50 cts. for residences, 60 cts. for mid-night service; meter rent 25 cts. per month. Lamp renewals are not free.—No power or commercial arc service.

AMERY.

(Population 753)

THE AMERY ELECTRIC CO.

Public service. 4 arc lamps, 2,000 c. p., dusk to dawn, \$54 per lamp per annum; 70 incandescents, 40 cts. per 16 c. p. per month; discount 10 per cent.

Commercial service. Incandescents. Flat rates: business service 40 cts. per 16 c. p. per month; residence service 50 cts. per 16 c. p. per month, with minimum charge of 15 cts. per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$54 per lamp per annum.—No power service.

AMHERST.

(Population 613)

B. E. DWINELL & Co.

Public service. 11 arc lamps, 2,000 c. p., \$48 per lamp per annum, moonlight schedule, dusk to midnight.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month; meter rent 25 cts. per month. Lamp renewals are not free. Flat rates: 50 cts. per month for each 16 c. p. lamp.—No commercial arc or power service.

ANTIGO.

(Population 6,663)

ANTIGO ELECTRIC LIGHT CO.

Public service. 31 arc lamps, 1,200 c. p., dusk to dawn, 4,000 hrs. per year, \$100 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., discounts 5 per cent on \$5 bill to 30 per cent on \$100 bill. Lamp renewals are not free. Flat rate: 45 cts. per 16 c. p. per month for service till 8 p. m.; 5 cts. added for each additional hour; windows 42 cts. per lamp, dusk till 10 p. m.—Arc lamps. Flat rates: \$5 per month for midnight service.—Power service. Meter charge: 8 cts. per kw. hr., discounts according to amount, 100 kw. hrs. 5 per cent, 1,000 kw. hrs. 50 per cent; minimum charge of \$1 per h. p. per month.

APPLETON.

(Population 17,000)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. 253 arc lamps, 2,000 c. p., dusk to dawn, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr., discounts according to amount—5 per cent off on bills over \$5 to 30 per cent off on bills over \$50; 5 per cent additional if bill is paid in ten days; minimum charge \$1 per month where consumption is less than 9 kw. hrs. Renewals furnished free.—Arc lamps and Nernst lamps same rate as above.—Power service. Meter rates: 8 cts. per kw. hr.; discount varies from 5 per cent on consumption over 100 kw., to 50 per cent on over 1,000 kw.; minimum charge \$2 for motors less than 2 h. p., \$1 for each additional h. p. Discount for prompt payment as above.

Special rates made to consumers above 600 kw. hrs. as follows: arc, Nernst and incandescent lamps, 12 cts. per kw. hr. for first 100 kw. hrs., 2 cts. reduction for each next two 100 kw. hrs. and next 200 kw. hrs., 4 cts. for all over 600 kw. hrs. Power, 8 cts. for first 100 kw. hrs., 2 cts. reduction for next 100 kw. hrs., 1 ct. reduction for each next 100 kw. hrs. and 200 kw. hrs.; 3 cts. for all over 600 kw. hrs.

ARCADIA.

(Population 1,316)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 6 arc lamps and 156 incandescents, 16 c. p. l. equivalent. The street lighting system is on a meter and pays the same rate as private consumers.

Commercial service. Incandescents. Meter rate: 7 cts per kw. hr., with no discount. Lamp renewals are not free. Flat rates: one 16 c. p. lamp, 50 cts.; two 16 c. p. lamps, 90 cts.; three 16 c. p. lamps, \$1.25 per month. Where more than three lamps are used they are placed on a meter.—No commercial arc or power service.

ASHLAND.

(Population 14,519)

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

Public service. Arc lamps, 1,200 c. p., \$60 per lamp per annum, for service dusk to midnight; \$78 for service dusk to dawn. Incandescents, 7 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: business service, 10 cts. per kw. hr. for 4 hour use, 6 cts. per kw. hr. for all current used for longer periods. Residence service, 12 cts. per kw. hr., 10 cts. per kw. hr. when consumption in kws. equals the number of 16 c. p. lamps installed; minimum charge 5 cts per month for each 16 c. p. lamp; discount of 5 per cent on all bills paid before the 10th. Flat rates: 16 c. p., all night, 90 cts. per month; midnight, 65 cts. per month; 10 per cent off if paid before the 10th. Signs, outlines, windows, service of 2,000 hrs. per year, figured at 8 cts. per kw. hr., 10 per cent discount. Lamp renewals are not free.—Arc lamps. Meter rates: 10 cts. per kw. hr. for 4 hour service; 6 cts. for service over four hours; discount 5 per cent if paid before the 10th. Flat rates: midnight service, \$5 per month; all night \$7, paid in advance.—Power rates: 10 cts. per kw. hr. for use of less than one hour per day, to 6 cts. where use is over 5 hours; minimum charge \$1 per h. p. per month; discount of 5 per cent if paid before the 10th.

ASHLAND POWER CO.

Public service. Arc lamps, 4 4-10 amp., \$48 per lamp per annum. Incandescents, 25 c. p. series lamp, \$12 per annum.

Further rates have not as yet been filed.

ATHENS.

(Population 862)

ATHENS ELECTRIC LIGHT & POWER CO.

Public service. 10 arc lamps, dusk to midnight, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, 10 cts. per kw. hr. for consumption under 100 kw. hrs., to 7 cts. per kw. hr. for consumption over 400 kw. hrs.; minimum charge per month, \$1; meter rent 10 cts. per month; discount 10 per cent if paid before the 10th of the month. Lamp renewals are free.—No commercial arc or power service.

AUGUSTA.

(Population 1,426)

J. L. BALL.

Public service. 167 incandescent lamps, 32 c. p., dusk to midnight, \$1 per month. Company furnishes all supplies and renewals.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., minimum charge 25 cts. per month; meter rent 15 cts. per month. Lamp renewals are not free. Flat rates: 35 cts. per 16 c. p. lamp for business hours. No discounts. Arc lamps, flat rates, dusk to 10 p. m., \$2.50 per month; midnight, \$3 per month.—No power service.

BALDWIN.

(Population 640)

BALDWIN ELECTRIC LIGHT AND FUEL CO.

Public service. 13 arc lamps, 1,200 c. p., dusk to midnight, \$45 per month.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge, business places \$1, residences 50 cts.; meter rent \$2 per year in advance; minimum rate per month, \$1 for business places, 50 cts. for residences. Flat rates: business places, 16 c. p., 50 cts.; residences, three 16 c. p. lamps \$1 per month; 32 c. p., 75 cts. per month; 8 c. p., 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

BANGOR.

(Population 695)

HUSSA BROTHERS.

Public service. Incandescent lamps, 32 c. p., \$2.25 per month.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; meter rent 25 cts. per month. Flat rates: 75 cts. per lamp. Lamp renewals are not free.—No commercial or power service.

BARABOO.

(Population 5,835)

BARABOO LIGHTING CO.

Public service. 52 arc lamps, 2,000 c. p., \$44, dusk to midnight; 9, dusk to dawn, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rates: 20 cts per kw. hr.; minimum charge 50 cts. per month; discounts 30 per cent if bills are paid before 10th; 40 per cent if gross amount of bill exceed \$30. Flat rates: dusk to 8 o'clock, 50 cts. per 16 c. p. lamp; 10 o'clock 75 cts.; 12 o'clock \$1.—Nernst lamps. Meter rates as above.—No commercial arc or power service.

BARRON.

(Population 1,674)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 18 arc lamps, dusk to 1 a. m., \$60 per lamp per annum; 71 incandescents, 32 c. p., at 50 cts. per month.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent: 30 cts. per month. Renewals are not furnished free. Flat rates: business service 90 cts. per 16 c. p. lamp; residences 35 cts. per 16 c. p. lamp.—No commercial arc or power service.

BAYFIELD.

(Population 2,675)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 18 arc lamps and 120 incandescent lights, \$1,200 per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. on consumption under 50 kw., to 4 cts. per kw. hr. on

consumption exceeding 100 kw.; minimum rate 75 cts. per month. Flat rates: 75 cts. per 16 c. p. per month, to 50 cts. per 16 c. p. per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$5 per month.—Power. \$5 an hour for thawing purposes.

BEAVER DAM.

(Population 5,615)

BEAVER DAM ILLUMINATING CO.

Public service. 87 arc lamps, 2,000 c. p., moonlight schedule, first 60 at \$70 per lamp per annum; 27 at \$60 per lamp per annum; 19 incandescents.

Commercial service. Incandescents. Meter rates: 20 cts. per kw. hr. for first 40 kws.; all over 10 cts. per kw. hr.; discount 25 per cent if paid before the 15th. Lamp renewals are not furnished free.—Arc lamps. Meter rates same as above.—Power service 10 cts. per kw. hr. Minimum charge \$1 per month.

BELLEVILLE.

(Population 423)

BELLEVILLE MILLS & ELECTRIC LIGHT PLANT.

Public service. Incandescents, cluster of five 16 c. p. lamps, moonlight schedule, \$20 per cluster per annum.

Commercial service. Incandescents. Flat rates: 50 cts. per 16 c. p. l. equivalent per month; halls, etc., 2 cts. per 16 c. p. l. equivalent per evening.

BELOIT.

(Population 12,855)

BELOIT WATER, GAS & ELECTRIC CO.

Public service. 123 arc lamps, 2,000 c. p., dusk to 1 a. m., \$60 per lamp per annum; dusk to dawn, \$80 per lamp per annum; 8 incandescents, 16 c. p., dusk to dawn, \$1 per month.

Commercial service. Incandescents. Meter rates: 18 cts. per kw. hr. for first 25 kw. hrs., to 9 cts. per kw. hr. for all over 75 kw. hrs.; minimum charge per month \$1; meter rent, 10 cts. per month; discount 3 cts. per kw. hr. if paid on or before the 10th.—Readiness to serve rate: demand charge, 10 cts. per month

per 55 watt opening or less; service charge \$1 per month; rate 5 cts. per kw. hr.; discount 25 per cent for payment before 10th; meter rent 10 cts. per month. Flat rate for signs, outlines, windows, etc., 8 cts. to $4\frac{1}{2}$ cts. per kw. hr. Lamp renewals are free in the down town business district.—Nernst and commercial arcs. Meter rates same as above.—Power rates: first fifty kw. hrs., 10 cts. per kw. hr.; all over 500 kw. hrs., 3 cts. per kw. hr.; meter rent 25 cts. per month; minimum charge \$2 per h. p. connected.

BENTON.

(Population 903)

BENTON ELECTRIC LIGHT CO. (MUNICIPAL.)

Public service. 8 arc lamps. No charge.

Commercial service. Meter rates: $12\frac{1}{2}$ cts. per 1,000 watts. Flat rates: incandescents, 50 cts. per 16 c. p. Nernsts, 50 cts. per 16 c. p. Consumers buy meters.—No power service.

BERLIN.

(Population 4,638)

THE BERLIN LIGHT, HEAT & POWER CO.

Public service. 56 arc lamps, 1,200 c. p., dusk to midnight, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 16 cts. per kw. hr.; business, 10 cts. per kw. hr., with discounts according to amount from 5 per cent for over 10 kw. to 50 plus 5 per cent for over 1,500 kw.; all over 2,000 kw. at special rates; meter rent, 25 cts. per month; no minimum monthly charge. Flat rates: 9 o'clock service 75 cts. per 16 c. p. l. equivalent for one light, to 36 cts. per 16 c. p. l. equivalent for over 14 lamps; midnight service, same number of lights, \$1 to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Meter rates same as above. Flat rates: dusk to 9 p. m., \$4.50 to \$4.00 per lamp per month; midnight service, \$5 to \$4.50 per lamp per month.—Power service: Meter rates: 10 cts. per kw. hr., same schedule of discounts as for business lighting rate; minimum charge 25 cts. per month.

BIRNAMWOOD.

(Population 701)

BIRNAMWOOD ELECTRIC LIGHT PLANT.

Public service. 13 arc lamps, dusk to midnight, moonlight schedule, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: \$1 per month to \$2 per month, depending upon the size of the house.—No commercial arc or power service.

BLACK RIVER FALLS.

(Population 1,946)

MUNICIPAL ELECTRIC LIGHT PLANT.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr., with 25 per cent discount if paid before the 10th; minimum charge 75 cts. per month. Flat rates: residences, 20 cts. per 16 c. p. l. equivalent per month, to 15 cts. per 16 c. p. l. equivalent per month; hotels, 35 cts. per 16 c. p. per month; offices, 32 cts. per 16 c. p. per month; above discounts apply; minimum charge \$1. Lamps are not renewed free.—Nernst and arc lamps meter rates same as above.—Flat rates for arc lamps, \$80–\$56 per lamp per annum.—No power service.

BLAIR.

(Population 461)

MUNICIPAL ELECTRIC LIGHT & PUMPING STATION.

Public service. 10 arc lamps, 160 c. p., dusk to 11:30 p. m., \$25 per lamp per annum.

Commercial service. Incandescents. Meter rates: 6 cts. per kw. hr. capacity. Flat rates: 25 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

BLANCHARDVILLE.

(Population 642)

BLANCHARDVILLE ELECTRIC LIGHT PLANT (MUNICIPAL.)

Public service. No charge and no tax levied for street lighting.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; no minimum charge; renews lamps free; meter rent, 25 cts. per month. Flat rates, 50 cts. per month per 16 c. p. lamp; 25 cts. for 8 c. p. lamp.—Tantalum lamps, owned by consumers, meter rates, 12 cts. per kw. hr.; meter rent, 25 cts. per month.—No power service.

BLOOMER.

(Population 1,046)

MARTIN RASMUS.

Public service. 7 arc lamps, 2,000 c. p., dusk to dawn, \$60 per lamp per annum; 12 incandescents, 32 c. p., same schedule, \$1 per lamp per month.

Commercial service. Incandescents. Meter rates: 12½ cts. per kw. hr.; meter rent, 25 cts.; no minimum charge. Flat rates: 50 cts. per 16 c. p. lamp or equivalent. Renewals are not furnished free.—Arc lamps, \$36 per lamp per annum.—Power rates 12½ cts. per kw. hr.

BOSCOBEL.

(Population 1,634)

MUNICIPAL ELECTRIC LIGHT & POWER Co.

Commercial service. General rate of 11 cts. per kw. hr. for all service. Lamp renewals are not free.

BOYD.

(Population 682)

CHAS. SHONG & SON.

Public service. 12 arc lamps, dusk to midnight, at \$66.66 each per annum. No incandescents in street service.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; no minimum charge; meter rent, 25 cts. per month. Flat rates: 40 cts. per month for each 16 c. p. lamp.—Arc lamps. Flat rates: only one in commercial service at \$4 per month. Company does not renew lamps free.—No power service.

BRODHEAD.

(Population 1,667)

BRODHEAD ELECTRIC CO.

Public service. 5 arc lamps, 1,200 c. p., dusk to midnight, \$60 per lamp per annum. 128 incandescents, 50 cts. per lamp per month, same schedule.

Commercial service. Incandescents. Meter rates: 10 cts. to 4 cts. per kw. hr. according to amount; minimum monthly charge 50 cts.; meter rent, 10 cts. per month; no discount. Flat rates: 50 cts. to 33 1-3 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lights, dusk to 10 p. m., \$48 per lamp per annum.—Power rates, one consumer, 2½ to 3 cts. per kw. hr.

BURLINGTON.

(Population 2,625)

BURLINGTON ELECTRIC LIGHT & POWER CO.

Public service. 82 incandescents, 32 c. p., dusk to dawn, moonlight schedule, \$18 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; discounts according to amount, 10 per cent to 20 per cent. Flat rates: 50 cts. to \$1 per 16 c. p. l. equivalent.—Power rates: 10 cts. per kw. hr.; discount according to amount, 10 per cent to 20 per cent.

CADOTT.

(Population 760)

VILLAGE OF CADOTT LIGHT & POWER CO.

Public service. 4 arc lamps, dusk to dawn, at \$50 each per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; a minimum charge of \$1; meter rent, 25 cts. Flat rates: one lamp, 50 cts. per 16 c. p. per month; two lamps \$1; 3 lamps \$1.25; more than 3 must be on meter. Village does not renew lamps free.—No commercial arc lamps.—No power service.

CASHTON.

(Population 673)

CASHTON MILLING CO.

Public service. 38 incandescents, 32 c. p., moonlight schedule, \$24 per lamp per annum.

Commercial service. Incandescents. Flat rates: 50 cts. per month per 16 c. p. l. equivalent. Meter rent, 25 cts. per month. Company does not furnish renewals free.—Nernst lamps. Metered rate: 12 cts. per kw. hr. where bill is less than \$5; where over \$5, 10 cts per kw. hr.

CASSVILLE.

(Population 651)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 13 arc lamps, 30 incandescents, 32 c. p., dusk to midnight, moonlight schedule, 10 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

CAZENOVIA.

(Population 398)

CAZENOVIA LIGHT & POWER CO.

Public service. 5 incandescents, 32 c. p., \$15 per lamp per annum.

Commercial service. Incandescents. Meter rates: \$1 per 100 w. hrs., or \$1 per month minimum charge.—No power service.

CEDARBURG.

(Population 1,680)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 37 arc lamps, 6 p. m. to 3 a. m., \$42 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; meter rent, 15 cts. per month; no minimum charge. Lamp renewals are not free.—No commercial arc or power service.

MILWAUKEE NORTHERN RY. CO.

Commercial service. Power rates: 10 cts. per kw. hr. for first 10 kws. each month per h. p. of motors installed; all excess 3 cts. per kw.; minimum charge \$12 per year per h. p. installed.

CHETEK.

(Population 950)

CHETEK LIGHT & POWER CO.

Public service. 7 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum; 20 incandescents, 32 c. p., \$1.25 per lamp per month; company furnishes renewals.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 60 cts. per month; meter rent, 15 cts. per month. Lamp renewals are not free. Flat rates: business, 50 cts. to 14 cts. per 16 c. p. l. equivalent per month; residences, 50 cts. to 12½ cts. per month per 16 c. p. l. equivalent.—Arc lamps. Moonlight schedule, \$60 per month; interior lighting, \$3.50 per month.—No power service.

CHILTON.

(Population 1,528)

WISCONSIN ELECTRIC SERVICE CO.

Public service. None furnished.

Commercial service. For rates applying see Fond du Lac.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Public service. 8 arc lamps, d. c., 9.6 amp., open, dusk to dawn, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, 15 cts. per kw. hr. where monthly consumption is less than 20 kws., to 10 cts. where over 60 kws.; minimum charge, 50 cts. per month for residences; \$1 per month for business, etc.; no discounts or meter rent. Flat rate: for each 16 c. p. l. equiv-

alent where more than one is used; 50 cts. per lamp per month for 9 o'clock service to 80 cts. per lamp for midnight service; residence flat rate, where lamps are located in various rooms and turned out when not needed, \$2 to \$5 per month according to size of installation.—Arc lamps. Meter rates, same as above; flat rates, \$5 to \$6 for midnight service; \$6 to \$7 for all night service.—Power service. Flat rate: \$5 per h. p. per month for 8 hr. 500 v. continuous daily use, to \$4 per h. p. per month; minimum charge, \$1.50 per month.

CLINTONVILLE.

(Population 1,837)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 25 arc lamps, moonlight schedule, 1200 c. p., dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. if paid before the 20th; 5 cts. additional per kw. hr. if not paid at that time. Lamp renewals are not free. No commercial arc or power service.

COLFAX.

(Population 747)

F. E. THOMPSON MILL & POWER PLANT.

Public service. Incandescents 16 c. p. 45 cts. per month.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr. Flat rates: 45 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—No commercial arc service.—Power service. Contract rate: \$2.75 per day for 8 h. p. motor.

COLUMBUS.

(Population 2,388)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. \$4 arc lamps, 1,200 c. p., dusk to midnight, \$40 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge \$6 per year; discounts 10–20 per

cent; meter rent 25 cts. per month, charged if bill is not paid before the 15th of month. Renewals are not furnished free.—Arc service: dusk to 8 o'clock, \$2 per lamp per month; dusk to midnight, \$4 per lamp per month.—Power rates: 10 cts. per kw. hr.; minimum charge \$6 per year.

CUBA CITY.

(Population 755)

CUBA CITY MUNICIPAL LIGHT PLANT.

Public service. 17 arc lamps, 3 hr. schedule per night; 15 incandescents, 16 c. p. No charge.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. Flat rates, 50 cts. per 16 c. p. l. equivalent per month for one lamp to 25 cts. per 16 c. p. l. equivalent for more than 4 lamps.—Arc lamps. Flat rate, \$5 per month.—No power service.

CUDAHY.

(Population 2,556)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 40 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum. Contract period, 3 years—June 1, 1907, to June, 1910.

Commercial service. Rates same as those filed for Milwaukee.

CUMBERLAND.

(Population 1,493)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 86 incandescents, 32 c. p., no charge.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. Flat rate: 30 cts. per 16 c. p. l. equivalent, for residences and offices; 40 cts. per 16 c. p. per month for business places. All night rates, $2\frac{1}{2}$ times the above.—Arc lamps same rate.—No power service furnished.

DARLINGTON.

(Population 1,843)

DARLINGTON ELECTRIC LIGHT & POWER CO.

Public service. City contracts to pay \$2,400 for 7 arc lamps, 1,200 c. p., dusk till daylight, moonlight schedule; 70 incandescents, 30 c. p., same schedule, and water service.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. first 50 kw. hrs., 5 cts. for each additional; minimum monthly bill, 50 cts. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free to meter consumers.—Arc lamps. \$5 per month for 10 o'clock service.—No power service.

DELAVAN.

(Population 2,321)

DELAVAN LIGHT & POWER CO.

Public service. 35 arc lamps, 1,200 c. p., dusk till midnight, moonlight schedule, \$60 per lamp per annum. Incandescents, 32 c. p., same schedule, \$1.50 per month; all night \$2 per month.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr. for first 30 hrs., 10 cts. per kw. hr. next 30 hrs.; all excess 5 cts. per kw. hr.; discounts 10 to 20 per cent, according to amount; minimum charge, stores \$1.25, residences \$1; meter rent 25 cts. per month. Lamp renewals are free.—Nernst lamps, same meter charge; minimum rate, 75 cts. per glower.—No commercial arc or power service.

DE PERE.

(Population 4,523)

DE PERE ELECTRIC LIGHT AND POWER CO.

Public service. 30 arc lamps, 1,200 c. p., \$50 per lamp per annum; 12 arc lamps, moonlight schedule, \$48 per lamp per annum; 50 incandescents, 16 c. p., \$1 per month; 253 hrs. for pumping water, \$115 per month—approximately 2 cts. per kw. hr.

Commercial service. Incandescents. Meter rates: 11 cts. per kw. hr. for residences, 13 cts. per kw. hr. for stores and business places, 15 cts. for lodges, churches, etc.; no minimum

charge; meter rent 25 cts. per month. Flat rates: 50 cts. per month per 16 c. p. lamp. Lamp renewals are not free.—Tantum and arc lamps, meter rates same as above. Flat rates for arc lamps \$4 per lamp per month.—Power rates 8 cts. per kw. hr., with discount for quantity from 10 to 50 per cent.

DODGEVILLE.

(Population 2,152)

DODGEVILLE ELECTRIC LIGHT & POWER CO.

Public service. 5 arc lamps, moonlight schedule, \$78 per lamp per annum; 136 incandescents, 32 c. p., \$19.50 per lamp per annum. Lamps are renewed by company.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr.; minimum charge, \$1 per month; meter rent, 25 cts. per month. Flat rates, 70 cts. to 50 cts. per 16 c. p. l. equivalent per month, according to size of installation; 50 per cent reduction for hotels, etc.—Arc lamps, dusk to midnight, \$6.50 per lamp per month.—No power service.

DURAND.

(Population 1,559)

DURAND LIGHT & POWER CO.

Public service. Incandescent lamps, 32 c. p., \$1 per month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rates: business, first 5 lights 50 cts. per 16 c. p. l. equivalent, each additional light 35 cts.; residences, first four lights 30 cts. per 16 c. p. l. equivalent, each additional light 20 cts. Lamp renewals are not free.—Arc lamps in stores \$3 per month.—No power service.

EAGLE RIVER.

(Population 1,399)

EAGLE RIVER LIGHT & WATER CO.

Public service. 17 arc lamps, dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Flat rates: \$2.50 per month, with no restrictions as to number of lamps, candle power or hours.—No commercial arc or power service.

EAU CLAIRE.

(Population 18,737)

CHIPPEWA VALLEY RAILWAY LIGHT & POWER CO.

Public service. 90 arc lamps, 2,000 c. p., \$74 per lamp per annum.

Commercial service. Lighting. Meter rates: 15 cts. per month for each active connected incandescent unit of 50 watts capacity, plus 3 cts. per kw. hr. for all current consumed by the connected units, whether active or inactive. Flat rates: residences, 30 cts. per lamp equivalent of 50 watts capacity; business, 50 cts., minimum charge, \$1 per month. Lamp renewals are free.—Power service. Meter rates: fixed charge of 75 cts. per month per h. p. rated capacity where motor is more than 5 h. p. rated capacity, plus 2 cts. per kw. hr. for all current consumed.

EDGERTON.

(Population 2,416)

EDGERTON ELECTRIC LIGHT CO.

Public service. 4 arc lamps, 1,200 c. p., dusk to 1 o'clock, moonlight schedule, \$84 per lamp per annum. 159 incandescents, 32 c. p., all night, \$2 per month. Lighting of pumping station and engine house free.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr., with discounts for quantity 10 per cent to 25 per cent; minimum charge per month \$1; meter rent 25 cts. per quarter. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps: 10 cts. per kw. hr.—Power rates: 5 cts. per kw. hr., with discounts for quantity, 10–25 per cent; minimum charge \$2 to \$3 per month.

ELKHART LAKE.

(Population 462)

MILWAUKEE & FOX RIVER VALLEY RY. CO.

Public service. 6 Nernst lamps, 3 glower, \$5.30 per month; 2 one glower, \$2.62½ per lamp per month; extra three glower lamps, \$7.50 per lamp per month; current for pumping station \$400 per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr., subject to discount according to quantity, 10 per cent to 33 per cent, additional discount of 5 per cent if paid within 10 days; minimum charge \$1 per month. Flat rate: summer lighting \$2.50 to \$3.00 per month. Lamp renewals are not free.—Nernst lamps. Meter rates same as above. Flat rates, \$7.50 per lamp per month.—No power service.

ELKHORN.

(Population 1,818)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 36 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum; incandescents, 32 c. p., \$36 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rental, 25 cts. per month.—No commercial arc or power service.

ELLSWORTH.

(Population 1,060)

ELLSWORTH HEAT, LIGHT & POWER CO.

Public service. 16 arc lamps, 2,000 c. p., \$60 per lamp per annum.

Commercial service. Incandescent. Meter rates: 10 cts. per kw. hr. for businesses and 15 cts. per kw. hr. for residences; no discounts; meter rent 25 cents. per month. Flat rates: 60 cts. per 16 c. p. l. equivalent for 9 o'clock service; 65 cts. for 11 o'clock service; \$1 per 16 c. p. l. equivalent all night. Lamp renewals are not free.—No commercial arc or power rates.

ELROY.

(Population 2,011)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 26 arc lamps, and 150 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month; meter rent 50 cts.

per month. Lamps renewed free to patrons paying \$5 or more per month.

EVANSVILLE.

(Population 1,963)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 25 arc lamps, dusk to midnight, moonlight schedule, \$60 per lamp per annum; 50 incandescents, same schedule, \$10 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, residences 15 cts. to 10 cts. per kw. hr.; stores, 10 cts. to 8 cts. per kw. hr.; minimum charge per month, 75 cts.; meter rent 25 cts. per month for four years. Flat rate: 75 cts. per month per 16 c. p. l. equivalent. Lamp renewals are free.—Nernst and arc lamps. Meter rates same as above.—No power service.

FENNIMORE.

(Population 1,053)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 22 arc lamps, 2,000 c. p. furnished by the village without charge.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. Incandescent lamp renewals are free.

FLORENCE.

(Population 1,053)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No record.

Commercial service. Incandescents. Flat rates: 33 cts. per month per 16 c. p. l. equivalent, midnight service; 50 cts. per c. p. lamp for all night service. Signs, outlines, windows, etc., 50 cts. per 16 c. p. per month.

FOND DU LAC.

(Population 17,284)

EASTERN WISCONSIN RAILWAY & LIGHT CO.

Public service. Arc lamps, 2,000 c. p., moonlight schedule, \$74 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; discount according to quantity consumed from 10 plus 10 per cent. to 50 plus 10 per cent; minimum monthly charge \$1. Readiness to serve rates: demand charge \$1.50 per 16 c. p. l. equivalent per year; service charge \$12 per service per year; rate 6 cts. per kw. hr.; discount 10 per cent. Lamp renewals are free.—Nernst lamps. Meter rate same as incandescents; readiness to serve rate, demand charge \$2 per glower per year; service charge \$12 per meter per year; rate 6 cts. per kw. hr.; discount 10 per cent.—Arc lamps. Meter rates same as incandescents. Flat rates, dusk to midnight, \$6 per lamp per month, two or more lamps \$5.50 per lamp per month; dusk to 10 o'clock, \$5 per lamp per month, two or more lamps \$4.50 per lamp per month.—Power rates. Sliding scale, first 50 kw. hrs., 8 cts. per kw. hr., all over 250 kw. hrs., 3 cts. per kw. hr., discount 10 per cent if paid within 10 days.

WISCONSIN ELECTRIC SERVICE CO.

Public service. No public service.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts according to amount from 5 to 35 per cent; minimum monthly bill \$1.00. Flat rate: 55 cts. per 16 c. p. l. equivalent. Lamp renewals are not furnished free.—Arc lamps. Dusk to midnight, 10 cts. per kw. hr.—Power service. 12 cts. per kw. hr., one customer.

FORT ATKINSON.

(Population 3,300)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 5 arc lamps, 2,000 c. p., moonlight schedule, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rate: sliding scale, 12 cts. per kw. hr. for first 10 kw. hrs., 6 cts. per kw. hr.

for fourth 10 kw. hrs.; discount, 10 per cent for payment within ten days; meter rent, 25 cts. per month. Lamp renewals are free.—Power rates same as above.—No commercial arc service.

FOUNTAIN CITY.

(Population 1,008)

FOUNTAIN CITY LIGHT & POWER CO.

Public service. 4 arc lamps, 1,200 c. p., \$90 per lamp per annum; 26 incandescents, \$1.80 per lamp per month. Service all night, moonlight schedule.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for less than 50 kw. hrs.; 8 cts. per kw. hr. for over 50 kw. hrs.; minimum charge \$1.—Power rates. Sliding scale, 8 cts per kw. hr. for less than 1 h. p., to $1\frac{3}{4}$ cts. per kw. hr. for 75 h. p.

FREDERICK.

(Population 683)

DAHLBERG BROTHERS.

Public service. 3 arc lamps, 2,000 c. p., dusk till midnight, \$1.00 per lamp per annum; 22 incandescents, 32 c. p., same schedule, \$12.50 per lamp per annum.

Commercial service. Incandescents. Flat rates: business houses, 60 cts. per 16 c. p. l. equivalent; residences 25 cts. to 35 cts. per 16 c. p. l. equivalent per month.

GALESVILLE.

(Population 876)

DAVIS MILL CO.

Public service. 51 incandescent lamps, 16 c. p., dusk to midnight, 60 cts. per lamp per month. Lamp renewals are free.

Commercial service. Incandescents. Flat rates: 50 cts. for first 16 c. p. lamp per month; each additional at reduced rates; average rate reported about 27 cts. per 16 c. p. lamp per month. Lamp renewals are free.—No commercial arc or power service.

GAYS MILLS.

(Population 427)

ATWOOD & HAGEETY.

Public service. 6 arc lamps, dusk to 11 p. m., moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Flat rates: first 16 c. p., lamp 50 cts. per month; each additional at reduced rates; over 10, 30 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—No commercial arc or power service.

GENOA JUNCTION.

(Population 710)

GENOA JUNCTION ELECTRIC LIGHT CO.

Public service. 24 incandescents, 32 c. p., dusk to 11 p. m., \$10 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 50 cts. per month; meter rent, 25 cts. per month. Lamp renewals are not free.—No commercial arc or power service.

GLENWOOD

(Population 905)

GLENWOOD & DOWNING LIGHT & POWER CO.

Public service. 8 arc lamps, 2,000 c. p., dusk to midnight, \$60 per lamp per annum; 12 incandescents, 32 c. p., same schedule, \$12 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: residences, 40 cts. per 16 c. p. lamp per month; stores, 50 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—No commercial arc or power service.

GRAND RAPIDS.

(Population 6,157)

GRAND RAPIDS ELECTRIC AND WATER CO.

Public service. 55 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. for first 20 kw hrs., all over 8 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: residence, 40 cts. to 20 cts. per 16 c. p. l. equivalent per month; stores, 70 cts. to 50 cts. per 16 c. p. l. equivalent per month. Readiness to serve rate: demand charge, 15 cts. per 16 c. p. lamp per month; service charge 20 cts. per customer and 25 cts. meter rent; rate 3 cts. per kw. hr. Lamp renewals are not free.—Nernst and tantalum lamps on meter rates as above.—Arc lamps. Meter rates: 8 cts. and 10 cts. per kw. hr.; minimum charge \$1 per month.—Power service. Meter rates: 5 cts. per kw. hr.; minimum charge \$1 per h. p.—Contract rates: printing offices and meat markets \$1 per h. p.; laundries \$2 per h. p. per month.

GRANTSBURG.

(Population 705)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 4 arc lamps and 44 incandescents, 32 c. p., for which \$65 per month is credited to the electric fund.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr., minimum charge, 75 cts. per month. Flat rates: residences, 35 cts. per 16 c. p. l. equivalent; stores and offices, 50 cts., churches, 15 cts.; lodges and theatres, 25 cts.—Lamp renewals are not free.—Power service: meter rates same as above.

GREEN BAY.

(Population 22,854)

GREEN BAY GAS & ELECTRIC Co.

Public service. 160 arc lamps, 2,000 c. p., all night, every night, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: 12 cts. per kw. hr.; discounts according to amount 5 to 65 per cent; minimum charge \$1 per month. Incandescent lamp renewals are free. Signs, outlines and windows, 6 cts. per kw. hr. net; schedule, dusk to 11 p. m.—Nernst and commercial arcs. Same meter rates as above, with additional minimum rate of 10 cts. per glower per month for Nernst lamps, and \$1.50 for arc lamps. Flat rates: arc lamps, dusk to 10 p. m., \$5 to \$3 per lamp per

month; all night, \$8 to \$7 per lamp per month.—Power service. Meter rate: 10 cts. per kw. hr. with above discounts; minimum charge per month, \$2 for motors under 2 h. p., \$1 for each additional h. p.

THE MINAHAN BUILDING Co.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 8 cts for first 100 kw. hrs. per month, 1 ct. reduction for each additional next two 100 kw. hrs. and for the next 300 kw. hrs., 4 cts. for all consumption over 600 kw. hrs.; discount 5 per cent for payment before the 10th; no minimum charge.—Arc lamps. Meter rate same as above. Lamp renewals are free.—Power service. Meter rate: 7 cts. for first 100 kw. per month. 1 ct. reduction for each additional next two 100 kw. and for the next 300 kw., 3½ cts. for all consumption over 600 kw.; same discount as above.

GREENWOOD

(Population 687)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 7 arc lamps, \$60 per lamp per annum; incandescents, 32 c. p., 75 cts. per lamp per month.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rate: 40 cts. per month for 16 c. p. l. equivalent. Minimum charge 60 cts. per month.

HARTFORD.

(Population 2,052)

HARTFORD ELECTRIC Co.

Public service. No special rate to municipalities reported.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr., discount according to quantity from 10 to 33 1-3 per cent; minimum charge 60 cts. per month.

HAYWARD.

(Population 2,000)

HAYWARD ELECTRIC LIGHT & POWER Co.

Public service. 16 arc lamps, 1,200 c. p., dusk to dawn, \$90 per annum; discount 10 per cent.

Commercial service. Incandescents. Flat rate: 50 cts. per 16 c. p. l. equivalent; discounts according to amount 10 to 25 per cent; minimum charge \$1 per month. Lamp renewals are not free. —Commercial arc lamps. Flat rates: \$4 to \$7 per month.—No power service reported.

HAZEL GREEN.

(Population 529)

MUNICIPAL LIGHT PLANT.

Public service. 4 arc lamps; 30 incandescents, for which city pays nothing.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. Flat rate: 50 cts. per 16 c. p. l. equivalent per month.—No power service.

HUDSON.

(Population 3,220)

BURKHARDT MILLING AND ELECTRIC Co.

Public service. 53 arc lamps, 1,200 c. p., moonlight schedule, all night, \$45 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr., discount according to quantity 10 to 20 per cent; meter rent \$2 per annum. Flat rates: 50 cts. per 16 c. p. per month; discounts same as above.—Nernst lamps. 75 cts. per 40 c. p. lamp per month.—Commercial arc lamps. 10 cts., 9 cts. and 8 cts. per kw. hr. Flat rates: \$4 per 1,200 c. p. lamp per month for midnight service; \$3 per lamp per month dusk to 9 o'clock.—Power service. Meter rates: 6 cts. to 4 cts. per kw. hr.; meter rent \$2 per annum. Flat rate \$36 per h. p. per annum.

HURLEY.

(Population 2,000)

TWIN CITY GENERAL ELECTRIC Co. (Ironwood, Mich.)

Public service. Arc lamps, dusk to midnight, \$120 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts: residences, 16 2-3 to 40 per cent; businesses 10 to 33 1-3 per cent; minimum charge \$1 per month. Lamp renewals are not free.—Power service. Same rates as above.

INDEPENDENCE.

(Population 663)

MUNICIPAL LIGHT PLANT.

Public service. 4 arc lamps, \$35 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. per month. Flat rates: 50 cts. per month for each 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

IOLA

(Population 801)

FROGNER BROS. & SONS.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge, \$1 per month; meter rent, 25 cts. per month. Flat rates: \$1.25 to \$1.50 per month. Lamp renewals are not free.—Power rate: $\frac{1}{2}$ h. p. motor, \$2.50 per month.

IRON RIVER.

(Population 1,248)

IRON RIVER WATER, LIGHT & POWER Co.

Public service. 20 arc lamps, 1,200 c. p., dusk to dawn, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; no discount; minimum charge 30 cts. per month; meter rent 25 cts. per month. Flat rate: businesses 50 cts. per 16 c. p. l. equivalent for all night service; 40 cts. per 16 c. p., dusk till 10 o'clock. Lamp renewals are not free.—Arc lamps. Meter rates same as above.—Power service. Rates: $2\frac{1}{2}$ cts. per kw. hr.

JANESVILLE.

(Population 13,770)

JANESVILLE ELECTRIC Co.

Public service. 209 arc lamps, 1,200 c. p., dusk to dawn, \$62 per lamp per annum; 30 incandescents, 50 c. p., \$24 per annum, same schedule; 16 c. p. lamps, 50 cts. per month.

Commercial service. Incandescents. Meter rates: 10 cts. per

kw. hr.; discounts according to quantity, 5 to 50 per cent; additional discount of 5 per cent for prompt payment; minimum charge \$1 per month. Signs, outlines and windows, dusk to 11 p. m., \$8.47 per annum; dusk to dawn, \$14.73 per annum; 5 per cent discount for prompt payment. Lamp renewals are free.—Arc and tantalum lamps. Meter rates same as above.—Power service. Meter rates: 5 cts. per kw. hr.; minimum charge \$1 per h. p. per month.

JEFFERSON.

(Population 2,572)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. Nernst lamps, 32 c. p., \$1.25 per lamp per month.

Commercial service. Incandescents. Meter rates: 18 cts. per kw. hr. for first 10 kw. hrs., 10 cts. per kw. hr. for all additional; minimum rate 25 cts. per month. Lamp renewals are free.—Nernst lamp meter rate same as above.—No commercial arc or power service.

KAUKAUNA.

(Population 4,991)

KAUKAUNA GAS AND ELECTRIC POWER CO.

Public service. 53 arc lamps, 1,200 c. p., dusk to one o'clock, moonlight schedule, \$65 per lamp per annum; 34 incandescents, 24 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr., with discount according to quantity from 5 to 50 per cent; additional discount of 5 per cent for payment before the 10th; minimum charge \$1 per month. Incandescent lamps are renewed free.—Nernst and arc lamps. Flat rates: dusk to midnight, \$5 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; discounts according to quantity, 5 to 50 per cent; additional discount for prompt payment as above; minimum charge \$2 per month for motors of 2 h. p. and less; \$1 for each additional h. p.

KENOSHA.

(Population 16,235)

KENOSHA GAS & ELECTRIC CO.

Public service. 148 arc lamps, 2,000 c. p., moonlight schedule, \$78 per lamp per annum. Lighting of public buildings is free, making net rate about \$62 per lamp per annum.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr. for first 25 kw. hrs.; 14 cts. for next 25 kw.; 10 cts. for all over 50 kw.; discounts 2 cts. per kw. hr. if paid before the 10th; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Meter rate same as above.—Power service. Meter rates: 16 cts. for first 25 kw. hrs., to 5 cts. per kw. hr. for all consumption over 2,000 kws.; discount and minimum service charge as above.

KEWASKUM.

(Population 693)

KEWASKUM ELECTRIC LIGHT CO.

Public service. 9 arc lamps, 1,200 c. p., \$72 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; 10 cts. per kw. hr. for business places; discount according to quantity from 10 to 25 per cent; minimum charge \$1 per month; meter rent 15 cts. per month. Flat rates: 60 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.

KILBOURN.

(Population 1,091)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No revenue from public service.

Commercial service. Incandescents. Meter rates: 10 cts per kw. hr.; minimum charge, 60 cts. per month; discount 10 per cent where bill is over \$5. Flat rates: one 16 c. p. lamp, 75 cts.; over three lamps, 50 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC CO.

Public service. 250 arc lamps, 2,000 c. p., dusk to dawn, moonlight schedule, \$70 to \$100 per lamp per annum.

Commercial service. Lighting. Meter rates: "ready to serve" basis: service charge, \$1.80 per annum per 16 c. p. l. equivalent on one-third of connected installation plus meter rate, 7½ cts. per kw. hr. where consumption is less than 60 hrs. per month; 6 cts. per kw. hr. where consumption is over 60 hrs. per month; 10 per cent is added to face amount of bill as rendered if not paid within ten days; minimum bill, 75 cts. per month on all electric installations. Lamp renewals are free.—Power rates: service charge, \$27 per year per h. p. of demand, plus meter rate of 5 cts. per kw. hr. where daily consumption is less than 5 hrs.; 3 cts. for 10 hrs. daily consumption or less; 2 cts. for all over 10 hrs.

LADYSMITH.

(Population 1,720.)

LADYSMITH LIGHTING CO.

Public service. 34 arc lamps, 1,200 c. p., Philadelphia schedule, viz., dusk to dawn, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; no discount; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: dwellings, \$1 to \$2, based on number of lamps; saloons, 75 cts. per month, all night service. Lamp renewals are not free.—No commercial arc or power service.

LA FARGE.

(Population 827)

LA FARGE ELECTRIC CO.

Public service. 6 arc lamps, 2,000 c. p., moonlight schedule, \$60 per lamp per annum; 20 incandescents, 32 c. p., \$12 per lamp per annum; 3, 16 c. p. incandescents free.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; no discounts; minimum charge \$1.25 per month. Flat rates: residences 50 cts. to 35 cts. per 16 c. p. l. equivalent per

month; business, 40 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.—Arc lamps: 1,200 c. p., \$2.50 per month.—No power service.

LAKE GENEVA.

(Population 3,449)

EQUITABLE ELECTRIC LIGHT CO.

Public service. 6 arc lamps, 9 cts. per kw. hr.; total revenue \$2,284.80 per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr., minimum charge 75 cts. per month; meter rent 25 cts. per month.—Power service: Meter rate: $7\frac{1}{2}$ cts. per kw. hr.; minimum charge and meter rent same as above.

LAKE MILLS

(Population 1,602)

CREAMERY PACKAGE MFG. CO.

Public service. Incandescents, 32 c. p., dusk to midnight, \$15 per lamp per annum.

Commercial service. Incandescents. Meter rates: sliding scale, under 20 kw. hr. 15 cts. per kw. hr.; over 100 kw. hrs., 8 cts. per kw. hr.; meter rent 25 cts. per month. Lamp renewals are not free.—Arc lamps and power service. Meter rate same as above.

LANCASTER.

(Population 2,555)

THE LANCASTER ELECTRIC LIGHT CO.

Public service. 45 arc lamps, dusk to midnight, 5 a. m. to daylight, \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: $12\frac{1}{2}$ cts. per kw. hr.; meter rent 25 cts. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Flat rates: dusk to midnight, \$3.50 per lamp per month.—No power service.

LITTLE CHUTE.

(Population 1,220)

KAURAUNA GAS, ELECTRIC LIGHT & POWER CO.

Public service. None furnished.*Commercial service.* Same rates apply as reported for Kaukauna.

LODI.

(Population 1,096)

THOS. HACKL.

Public service. None reported.*Commercial service.* Incandescents. Meter rates: 15 cts. per kw. hr.; minimum charge, 50 cts. per month; meter rent, 25 cts. per month.—No commercial arc or power service.

LOYAL.

(Population 815)

LOYAL LIGHT PLANT.

Public service. 10 arc lamps, 2,000 c. p., moonlight schedule, \$65 per lamp per annum.*Commercial service.* Incandescents. Flat rates: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$5 per lamp per month.—No power service.

MADISON.

(Population 24,301)

MADISON GAS AND ELECTRIC CO.

Public service. 218 arc lamps, 1,200 c. p., dusk to midnight, every night, \$52 per lamp per annum; 55 arc lamps, 1,200 c. p., dusk to dawn, every night, \$72 per lamp per annum. Contract period 5 years, Oct. 1, 1903, to Oct. 1, 1908.*Commercial service.* Incandescents. Meter rates: 16 cts. per kw. hr. for first 26 kws., to 10 cts. per kw. hr. for over 78 kws.; minimum charge, \$1 per month. Doherty rate: demand charge, \$1.80 per 16 c. p. lamp demanded, plus service charge, \$12 per annum per customer, plus 6 cts. per kw. hr.; discount 10 per

cent if paid before the 10th. Lamp renewals are furnished free.—Power rates: 8 cts. per kw. hr. for first 12½ kws., to 5 cts. for all over 1,250 kws.; minimum bill \$1 per month.

MANAWA.

(Population 881)

LITTLE WOLF RIVER LUMBER CO.

Public service. Incandescents. 16 c. p. 60 cts. per lamp per month; 32 c. p. \$1.10 per lamp per month. Renewals are free.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; meter rent, 25 cts. Flat rates: 50 cts. to 20 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Tantalum. Meter rates same as above. Flat rates: 65 cts. per 20 c. p. lamp.—Are lamps \$4 and \$3.75 per lamp per month, dusk to midnight.—No power service.

MANITOWOC.

(Population 12,733)

ELECTRIC LIGHT CO.

Public service. 43 arc lamps, 2,000 c. p., dusk to dawn, \$80 per lamp per annum; 32 incandescents, 32 c. p., \$11.50 per lamp per annum, 320 16 c. p. lamps, \$7 per lamp per annum.

Commercial service. Incandescents. Two schedule of rates are in force. Schedule "A" is that embodied in a former contract with the city. Schedule "B" is that now in force. In case a bill is less by applying Schedule "A" than by applying Schedule "B," the smaller bill is collected—"A." Dwellings: 7 mills per lamp hr.; 6 mills where lamp is used at least 2 hours a day. Businesses: 5 mills per lamp hr. on 2 hour daily consumption; 4 mills on 4 hours use; 3 mills on 8 hours use. All lamp renewals are free.—"B." Dwellings: 12 cts. per kw. hr. where bill is less than \$50 per year, to 5 cts. where over \$150; businesses: 10 cts. per kw. hr. where bill is less than \$15, to 3 cts. per wk. hr. where bill is over \$30.—Power rates: 5 cts. per kw. hr. where motors run 10 hours per day; 6 cts. where bill is \$2 per month or more. 12 cts. where bill is less than \$1 per month.

MARINETTE.

(Population 15,354)

MENOMINEE AND MARINETTE LIGHT & TRACTION Co.

Public service. 92 arc lamps, dusk to dawn, moonlight schedule, \$65 per lamp per year.

Commercial service. Incandescents. Meter rates: 15 cts. to 10 cts. per kw. hr.; minimum charge \$1; discount 10 per cent for payment within 10 days. Maximum demand rate: 15 cts. to 6 cts. per kw. hr., depending on per cent of full load per month and quantity consumed. Special rate 4 cts. per kw. hr. for all customers paying a minimum bill of \$150 per month. Lamp renewals are free.—Other lamp service. Meter rates, same as above.—Power rates: 8 cts. to $3\frac{1}{4}$ cts. per kw. hr.; minimum charge \$2 per month for less than 2 h. p.; 50 cts. added for each additional h. p.

MARSHFIELD.

(Population 6,035)

MARSHFIELD WATER, ELECTRIC LIGHT & POWER Co.

Public service. 41 arc lamps, 2,000 c. p., all night, moonlight schedule, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. per kw. hr.; discounts 10 to 50 per cent for prompt payment; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Meter rate same as above. Flat rates: dusk to midnight, \$5 per lamp per month.

MAUSTON.

(Population 1,857)

MAUSTON ELECTRIC SERVICE Co.

Public service. 27 arc lamps, 1,200 c. p., dusk to 1:30 a. m., moonlight schedule, \$60 per lamp per annum; 49 32 c. p. incandescents, \$2 per lamp per month.

Commercial service. Incandescents. Meter rates: $16\frac{1}{2}$ cts. per kw. hr.; discount 25 per cent if paid before the 5th; minimum charge 75 cts. per month. Lamp renewals free to meter customers only.—Nernst and arc lamps. Meter rate same as above.—No power service.

MAYVILLE.

(Population 1,793)

THE NORTHWESTERN IRON CO.

Public service. 27 arc lamps, 1,200 c. p., \$50 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr.; minimum charge 75 cts. per month. Flat rates: 65 cts. to 25 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

F. PAUSTIAN MILLING CO.

Public service. 27 arc lamps, 1,200 c. p., dusk to midnight, \$60 per lamp per annum. Incandescents, \$1.25 per month per 16 c. p. lamp.

Commercial service. Incandescents. Meter rates: residences, 15 cts. to 10 cts. per kw. hr.; saloons and drug stores, 8 cts. per kw. hr.; stores, 10 cts. to 8 cts. per kw. hr.—No commercial arc or power rates reported.

MAZOMANIE.

(Population 863)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 125 30 c. p. incandescent lamps, dusk till 12 o'clock, \$12 per lamp per annum.

Commercial service. Incandescents. Meter rates: 11 cts. per kw. hr. Flat rates: \$7 per 16 c. p. l. equivalent per annum. Lamp renewals are free.—Nernst lamps. Meter rate same as above.—No commercial arc or power service.

MEDFORD.

(Population 1,923)

MEDFORD LIGHT & HEATING CO.

Public service. 30 arc lamps, 2,000 c. p., dusk to dawn, \$78 a year; 10 incandescent lamps, 50 cts. per 16 c. p. l. equivalent per month.

Commercial service. Incandescents. Meter rates 10 cts. to 6 cts. per kw. hr.; minimum charge \$1. Flat rates: midnight serv-

ice, 50 cts. per 16 c. p. l. equivalent; all night, 75 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps: dusk to midnight, \$5 per lamp per month.—No power rates reported.

MELLEN.

(Population 1,700)

(Pop. of Morse Township given)

MELLEN WATER AND LIGHT CO.

Public service. 5 arc lamps, 1,200 c. p., dusk to dawn, every night, \$84 per lamp per annum; 35 incandescents, 24 c. p., same schedule, \$1.60 per lamp per month.

Commercial service. Incandescents. Meter rates: 10 cts. to 8 cts. per kw. hr.; minimum charge \$1.25 per month. Flat rates: all night service, \$1 per 16 c. p. per month; residences 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Same meter rates for tantalum and arc lamps.—No power service.

MENASHA.

(Population 5,960)

MUNICIPAL ELECTRIC LIGHT CO.

Public service. 80 arc lamps, 2,000 c. p., dusk to dawn, \$23 per lamp per annum.

Commercial service. Incandescents. Meter rates: 6 cts. per kw. hr.

MENOMONIE.

(Population 5,473)

MENOMONIE ELECTRIC LIGHT AND POWER CO.

Public service. 53 arc lamps, 2,000 c. p., all night, every night, \$75 per lamp per annum; lighting city hall, fire station, etc., free of charge.

Commercial service. Incandescents. Meter rates: business, 12½ cts. per kw. hr. for first 30 hours demand, 7 cts. per kw. hr. for balance; minimum charge 50 cts. per month; meter rent 25 cts. per month; demand of any one customer to be not less than the equivalent of 50 watt lamps; residences, 15 cts. per kw. hr. for

first 30 hours demand, 8 cts. per kw. hr. for balance; same minimum and meter charge as above. Lamp renewals furnished at cost.—Power service. Increment rate: 8 cts. to 4 cts. per kw. hr.; minimum charge \$2 per month for less than 2 h. p., \$1 per month for each additional h. p.; meter rent same as above.

MENOMONEE FALLS.

(Population 936)

MENOMONEE FALLS ELECTRIC LIGHT CO.

Public service. Arc lamps, dusk to midnight, \$72 per lamp per year.

Commercial service. Incandescents. Meter rates: 16 cts. per kw. hr.; discount according to amount, 25 to 45 per cent off; meter rent 25 cts. per month.—No power service.

MERRILL.

(Population 9,197)

H. W. WRIGHT LUMBER CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr.; minimum charge 40 cts. per lamp per month. Flat rate: \$2 per lamp per month.—Arc lamps. Meter rate same as above.—No power service.

MERRILL RAILWAY & LIGHT CO.

Public service. 84 arc lamps, 1,200 c. p., dusk to dawn, \$60 per lamp per annum. 100 incandescent lamps free.

Commercial service. 10 cts. per kw. hr.; minimum charge \$1; discounts, 10 to 50 per cent.—Power rates: \$1 per h. p. plus 1 ct. per kw. for current; minimum charge \$1 per month.

MERRILLAN.

(Population 648)

MUNICIPAL ELECTRIC PLANT.

Public service. No charge made.

Commercial service. Incandescents. Meter rate: 6 cts. per kw. hr. Flat rate: 30 cts. per 16 c. p. l. equivalent per month.—No commercial arc or power service.

MILWAUKEE.

(Population 312,948)

EDWIN H. ABBOT, (COLBY-ABBOT BUILDING)

Public service. None furnished.

Commercial service. Incandescents. Meter rates: sliding scale, first 100 kw. hrs. 12 cts. per kw. hr.; all over 600 kw. hrs. 4 cts. per kw. hr.; minimum charge \$1 per month; discount 5 per cent if paid before the 10th.—Power service. Meter rate: sliding scale, first 100 kw. hrs. 8 cts. per kw. hr.; all over 600 kw. hrs. 3 cts. per kw. hr.; minimum charge \$2 for each motor of 2 h. p. and less, and \$1 for each additional h. p. Same discount for prompt payment as above.

PLANKINTON ELECTRIC LIGHT AND POWER COMPANY.

Public service. None furnished.

Commercial service. Incandescents. Meter rate: increment rate, first 50 kw. hrs. 12 cts., all in excess of 1,000 kw. hrs. 4 cts., minimum charge \$1. Lamp renewals are free.—Electric appliances and commercial arcs are furnished under these rates.—Power service. Meter rates: first 300 kw. hrs. 6 cts. per kw. hr.; all in excess 4 cts. per kw. hr.

RAILWAY EXCHANGE CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rate: 10 cts. to 5 cts. per kw. hr.; minimum charge 25 cts. per month; discount 50 per cent if paid within 10 days. Lamp renewals are free.—The same rate applies to arc lamps.—No power service.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 2,066 arc lamps, 2,000 c. p., dusk to dawn, \$65 per lamp per annum. Contract period: 5 years, Dec. 15, 1905, to Dec. 15, 1910.

Commercial service. Lighting. Meter rate: first three 100 kw. hrs. 12 cts., 10 cts. and 8 cts., respectively, per kw. hr., next 300 kw. hrs. 6 cts., all over, 4 cts. per kw. hr.; minimum charge, when current is less than 9 kw. hrs., \$1 per month.—Additional minimum rates 25 cts. per glower per month on Nernst lamps, \$1.50 per month for enclosed arc lamps; discount 5 per cent

if paid before the 10th.—Power. Meter rates: first three 100 kw. hrs., 8 cts., 6 cts. and 5 cts., respectively, next 300 kw. hrs. 4 cts. per kw. hr., all over, 3 cts. per kw. hr.; minimum charge for motors of two h. p. or less, \$2 per month; each additional h. p. or fraction thereof, \$1 per month; same cash discount as above.

WELLS POWER CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: offices above first floor, 10 cts. per kw. hr.; other service, increment rate, first 100 kw. hrs., 8 cts. per kw. hr.; all over 800 kw. hrs., 4 cts. per kw. hr.; minimum charge 50 cts. and 25 cts. per month. Lamp renewals are free. Electrical appliances and all other lamp rates same as above.—Power service. Meter, increment rate: first 200 kw. hrs., 6 cts. per kw. hr., all over 600 kw. hrs., 3 cts. per kw. hr.; minimum charge 50 cts. per month.

MINERAL POINT.

(Population 3,252)

MINERAL POINT ELECTRIC LIGHT CO.

Public service. 8 arc lamps, 1,200 c. p., and 100, 30 c. p. incandescents, midnight service, moonlight schedule, contract \$1,500 per annum.

Commercial service. Lighting. Meter rates: 16 cts. per kw. hr.; discounts according to amount, 10 to 50 per cent; additional discount of 5 per cent if paid before the 10th; minimum charge \$1 per month. Lamp renewals are not free.—Power service. Meter rate: 10 cts. per kw. hr.; discounts according to amount, 5 to 50 cent; same additional discount as above for prompt payment.

MONDOVI.

(Population 1,450)

MONDOVI ELECTRIC LIGHT PLANT.

Public service. 12 arc lamps, 1,600 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum; incandescents, 16 c. p., same schedule, 70 cts. per lamp per month.

Commercial service. Incandescents. Meter rates: 10 cts. per kw. hr. Flat rates: businesses, 50 cts. per 16 c. p. l. equivalent for 8 o'clock service; 70 cts. per 16 c. p. for 10 o'clock service; residences, 50 cts. per 16 c. p. in living rooms, 35 cts. per 16 c. p. in bed rooms. Lamp renewals are not free.—Arc lamps. Flat rates: dusk to midnight, \$7 per lamp per month.—No power service.

MONROE.

(Population 4,269)

MONROE ELECTRIC LIGHT & POWER CO.

Public service. 68 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$65 per lamp per annum; incandescents, 32 c. p., all night, every night; \$2 per month.

Commercial service. Incandescents. Meter rates: residences, first 24 kw. hrs., 15 cts. per kw. hr., all over 48 kw. hrs., 10 cts. per kw. hr.; businesses, first 50 kw. hrs., 10 cts. per kw. hr., all over 100 kw. hrs., 6 cts. per kw. hr.; minimum charge \$1 per month; meter rent \$1 per year. Lamp renewals are not free.—Flat rate: 50 cts. per 16 c. p. lamp per month.—Arc and Nernst lamp service. Meter rate same as above.—No power service.

MONTELO.

(Population 1,090)

MONTELO GRANITE CO.

Public service. 18 arc lamps, dusk to midnight, every night, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr. Flat rates: businesses, 40 cts. per 16 c. p. l. equivalent per month; residences, 40 cts. for first 16 c. p. lamp; all over, 20 cts. per 16 c. p. lamp. Lamp renewals are not free.—No power service.

MONTICELLO.

(Population 609)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 20 arc lamps, 2,000 c. p., \$100 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; meter rent, 10 cts. per month. Lamp renewals are not free.—No arc or power service.

MT. HOREB.

(Population 1,003)

MT. HOREB ELECTRIC LIGHT CO.

Public service. Incandescents, 32 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; minimum charge, 50 cts. per month; meter rent, 20 cts. per month. Lamp renewals are free.—No commercial arc or power service.

MUSCODA.

(Population 735)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 12 arc lamps, 2,000 c. p., \$51.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent, 25 cts. per month; minimum charge, 75 cts. per month. Flat rates: residences, 30 cts. to 12 cts. per 16 c. p. l. equivalent; business rates, 30 cts. to 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

NECEDAH.

(Population 1,116)

NECEDAH MILLING CO. (F. W. REED, OWNER)

Public service. 4 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$55 per lamp per annum; 25 incandescents, 32 c. p., same schedule, \$1 per lamp per month.

Commercial service. Incandescents. Meter rate; 15 cts. per kw. hr.; minimum charge \$1 per month; meter rent, 25 cts. per month. Flat rates: businesses, 50 cts. per 16 c. p. l. equivalent; residences, 50 cts. to 20 cts., according to number used, per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Meter rate, same as above.—No power service.

NEENAH.

(Population 6,047)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. 76 arc lamps, dusk to dawn, every night, \$65 per lamp per annum.

Commercial service. Rates reported for Appleton apply.

NEILLSVILLE.

(Population 2,117)

ELECTRIC AND WATER SUPPLY CO.

Public service. 23 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$75 per lamp per annum; 4 incandescents, same schedule, \$8.40 per 16 c. p. l. equivalent per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; meter rent, 25 cts. per month. Flat rates: residence, first lamp, 70 cts.; over 20, 35 cts. per 16 c. p. l. equivalent per month; offices, first lamp, 50 cts., all over three, 25 cts. per 16 c. p. l. equivalent per month. Lamp renewals are free.—Arc lamps. Meter rate same as above. Flat rates: first lamps \$5, all over four, \$3.50 per lamp per annum; for service till 9 p. m. \$6; for service till 11 o'clock, \$4.50.—Power service. Same rate as above.

NESHKORA.

(Population 500)

NESHKORA MILLING CO.

Public service. 4 arc lamps. \$42 per lamp per annum.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rate: 20 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—Arc lamps. Meter rate same as above.—Power service. 8 cts. per kw. hr.; minimum charge \$1 per month.

NEW GLARUS.

(Population 655)

MUNICIPAL ELECTRIC PLANT.

Public service. 16 arc lamps for which \$500 is paid.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; meter rent, 25 cts. per month; no discount. Lamp renewals are not free.—No commercial arc or power service.

NEW LONDON

(Population 3,002)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 50 arc lamps, 1,200 c. p., dusk to 1 o'clock, moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 75 cts. per month; penalty of 10 per cent for payment after the 15th. Flat rates: 60 cts. per 16 c. p. l. equivalent, dusk to 10 o'clock; \$1.25 per 16 c. p. for all night. Lamp renewals are free.—No commercial arc or power service.

NEW RICHMOND.

(Population 1,824)

NEW RICHMOND POWER CO.

Public service. None furnished.

Commercial service. Power rates: \$50 per annum to furnish 1 h. p.; in blocks of 25 h. p. \$36 per h. p. per annum. Special inducement rate to any customer desiring 5 h. p. or less, and erecting the transmission line; free service for two years.

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No rates reported.

Commercial service. Incandescents. Flat rates: 25 cts. per 16 c. p. per month; hotels, \$2.40 per lamp per annum; blacksmith shops, \$6 per lamp per year.—Arc lamps: \$4 per month.

NORTH FOND DU LAC.

(Population 1,944)

EASTERN WISCONSIN RAILWAY AND LIGHT CO.

For rates, see Fond du Lac.

NORTH FREEDOM.

(Population 578)

NORTH FREEDOM ELECTRIC LIGHT CO.

Public service. 22 incandescents, 32 c. p., \$1.33 per lamp per month.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum charge \$1 per month. Lamp renewals are not free.—No commercial, arc, or power service.

NORTH MILWAUKEE.

(Population 1,236)

NORTH MILWAUKEE LIGHT & POWER CO.

Public service. 29 arc lamps, dusk to dawn, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per lamp per month; discount 10 per cent if paid before the 10th. Flat rate: 50 cts. per 16 c. p. l. equivalent. Readiness to serve rate: demand charge, 25 cts. per 16 c. p. l. equivalent; rate 5 cts. per kw. hr. Lamp renewals are not free.—Arc lamps, \$1 per amp. per month.—Power service. Meter increment rate: first 100 kw. hrs. 7 cts. per kw. hr.; all over 400 kw. hrs. 3 cts. per kw. hr.; minimum charge 75 cts. per month per meter.

OCONOMOWOC.

(Population 3,013)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 49 arc lamps, 2,000 c. p., dusk to dawn, moonlight schedule, \$96 per lamp per annum; incandescents, 50 c. p., \$24 per lamp per annum.

Commercial service. Incandescents. Meter rates: 20 cts. per kw. hr. for six months service, 10 cts. per kw. hr. for twelve months service; discount according to size of bill, from 10 to 20 per cent. Lamp renewals are not free.—No commercial arc or power service.

OCONTO.

(Population 5,722)

OCONTO ELECTRIC CO.

Public service. 63 arc lamps, 2,000 c. p., moonlight schedule, \$58.50 per lamp per annum.

Commercial service. Lighting. Meter rates: 5 cts. to 4 cts. per kw. hr. to businesses; 7 cts. to 6 cts. per kw. hr. to residences; minimum charge \$1. Renewals are free.—Power. Meter rates: 5 cts. to 3.5 cts. per kw. hr.; minimum charge \$2 to 75 cts. per h. p.

PEOPLES LAND AND MANUFACTURING CO.

Public service. None furnished.

Commercial service. Incandescents. Meter rates: 12.5 cts. per kw. hr. to residences; 10 cts. per kw. hr. to businesses; minimum rate \$1 per month. Flat rates, 50 cts. per 16 c. p. lamp per month. Lamp renewals are not free.—Arc lamps. Flat rates: \$4 per month.—No power service.

OMRO.

(Population 1,300)

OMRO ELECTRIC LIGHT CO.

Public service. 1 arc lamp, 2,000 c. p., dusk to midnight, moonlight schedule, \$48 per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts according to amount 5 and 10 per cent; meter rent, 25 cts. per month. Flat rates: 50 cts. to 25 cts. per kw. hr. for residences; 75 to 45 cts. per kw. hr. for stores. Lamp renewals are not free.—No commercial arc or power service.

OSHKOSH.

(Population 30,575)

OSHKOSH GAS LIGHT CO.

Public service. 372 arc lamps. 2,000 c. p., dark to daylight, except clear moonlight, \$48.90 per lamp per annum.

Commercial service. Lighting. Meter rate: 12 cts. per kw. hr.; discounts according to amount from 10 to 45 and 20 per cent; additional discount of 5 per cent if paid before 10th;

minimum charge \$1 per month. Flat rates for signs: 7 cts. to 6 cts. per kw. hr.; penalty of 5 per cent added for payment after the 10th. Lamp renewals are free.—Power service. Meter rates: unlimited hours, 10 cts. per kw. hr.; discounts according to amount 10 per cent to 60 plus 20 per cent; limited hours 8 cts. per kw. hr.; discount same as above; cash discount for prompt payment as above; minimum charge 50 cts. per h. p. per month.

PARDEEVILLE.

(Population 866)

FOX RIVER MILLING AND POWER Co.

Public service. 36 incandescents, 32 c. p., \$15 per lamp per annum, discount 20 per cent.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for first 100 hours per month, to 5 cts. for all over 200 hours; discount 20 per cent for all over 50 hours and 10 per cent for payment before 3rd of succeeding month; minimum charge \$1 per month. Lamp renewals are not free.—No commercial are or power service.

DUCK CREEK LIGHT & POWER Co.

For rates see Wyocena.

PARK FALLS.

(Population 1,438)

PARK FALLS WATER, LIGHT & POWER Co.

Public service. 10 arc lamps, 1,200 c. p., dusk till 1 o'clock, every night, \$100 per lamp per annum; 8 arc lamps, \$90 per lamp per annum.

Commercial service. Lighting. Meter rates: 12 cts. per kw. hr. for business and residences; 15 cts per kw. hr. for churches, lodges, etc.; discounts according to amount, 5 to 30 per cent; additional discount, if paid within 10 days, of 5 per cent; minimum charge \$1.50 per month. Lamp renewals are free.

PESHTIGO.

(Population 2,539)

THE PESHTIGO LUMBER CO.

Public service. 10 arc lamps, moonlight schedule, \$50 per lamp per annum; 27 incandescents, 32 c. p., \$10 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per lamp per kw. hr.; minimum charge \$1 per month. Flat rates: residences, 20 cts. to 10 cts.; offices, 25 cts.; stores, 40 cts.; railway offices, 35 cts.; churches, 6 cts.; business places, 40 cts. per 16 c. p. l. equivalent per month.—Other lighting, meter rates same as above.—Power service. Meter rates: 10 cts. per kw. hr., minimum charge \$1 per month. Flat rates: 3 h. p. motor \$2.50 per month.—Current delivered at H. T. switchboard, $\frac{3}{4}$ cts. per kw. hr.

PEWAUKEE.

(Population 1,775)

PEWAUKEE ELECTRIC CO.

Public service. Arc lamp. dusk to midnight, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount 10 per cent for payment before the 10th. Lamp renewals are not free.—Nernst lamps: \$2.50 per lamp per month.—Tantalum lamps, 50 cts. per lamp per month.—Arc lamps, \$4 to \$5 per lamp per month; discounts same as above.—Power rates, 10 cts. per kw. hr.

PHILLIPS.

(Population 2,011)

PHILLIPS LIGHT, WATER, HEAT & POWER CO.

Public service. 22 arc lamps, \$84 per lamp per annum.

Commercial service. Lighting. Meter rates: business, residences, 12 cts. per kw. hr.; churches, halls, etc., 15 cts. per kw. hr.; minimum rate \$1 per month: meter rent, 25 cts. per month. Flat rates: business, 8 p. m. service, first two lights, 50 cts.,

all over, 25 cts. per 16 c. p. l. equivalent per month; all night, \$1 per 16 c. p. l. equivalent per month; residences, 15 cts. to 60 cts. per 16 c. p. l. equivalent.—No power rates reported.

PLAINFIELD.

(Population 829)

STARKS & SKEEL.

Public service. Arc lamps, 2,000 c. p., \$70 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. per kw. hr.; minimum charge per month 35 cts. Flat rates: \$1 to \$4 per month. Lamp renewals are not free.—No commercial arc or power service.

PLATTEVILLE.

(Population 4,438)

PLATTEVILLE ELECTRIC LIGHT & POWER CO.

Public service. 10 arc lamps, 1,200 c. p., dusk to midnight, \$55 per lamp per annum; 167 incandescents, 32 c. p., \$16 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; meter rent 25 cts. per month. Flat rate: 60 cts. per 16 c. p. l. equivalent per month.—Arc lamps: \$72 per lamp per annum.—No power service.

PLYMOUTH.

(Population 2,764)

PLYMOUTH CITY WATER WORKS.

Public service. 51 arc lamps, 1,200 c. p., moonlight schedule, 52 hydrants for fire protection, \$7,000 per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Lamp renewals are not free.—Arc lamps. Same rate.—Power service. Meter rate: 10 cts. per kw. hr.; discount, according to quantity, for payment within ten days 5 to 50 per cent. plus 5 per cent; minimum charge \$1 per month.

PORTAGE.

(Population 5,524)

PORTAGE ELECTRIC LIGHT CO.

Public service. 69 arc lamps, 66 amp., dusk to dawn, every night, \$70 per lamp per annum; incandescents, 32 c. p., \$30 per lamp per annum; 16 c. p., \$20.40 per annum.

Commercial service. Incandescents. Meter rate: businesses, 12 o'clock service, 10 cts. per kw. hr. for first 30 kws.; 2 cts. reduction for each two succeeding 30 kw. hrs.; 9 o'clock service, 10 cts. per kw. hr. for first 30 kws.; 1 ct. reduction for each two succeeding 30 kws.; residences, 12 cts. per kw. hr. for first 30 kw. hrs.; 1 ct. reduction for each two succeeding 30 kws., to 7 cts. for all consumption over 400 kw. hrs.—No commercial arc or power rates reported.

PORT WASHINGTON.

(Population 4,036)

THE WISCONSIN CHAIR CO. (LESSEE, MUNICIPAL LIGHT PLANT)

Public service. 33 arc lamps, 2,000 c. p., all night, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rates: 8 cts. per kw. hr. for residences; 7 cts. per kw. hr. for businesses; minimum charge 75 cts. per month. Lamp renewals are free.—Arc lamps. Same rate as incandescents.—Power. For more than 12 kw. hrs. per month, 5 cts. per kw. hr.

PRAIRIE DU CHIEN

(Population 3,179)

PRAIRIE CITY ELECTRIC CO.

Public service. 30 arc lamps, 2,000 c. p., \$75 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 10 cts. per kw. hr.; businesses where three or more lights are used all night, 8 cts. per kw. hr.; discounts 5 per cent where bill is \$5 or less, to 20 per cent where bill is \$20 or more; minimum charge \$1. Flat rate: 25 cts. to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free to business houses.—No commercial arc or power service.

PRAIRIE DU SAC.

(Population 671)

J. M. MEISSER.

Public service. 4 arc lamps, 500 c. p., dusk to midnight, moonlight schedule, \$48 per lamp per annum.

Commercial service. Incandescents. Flat rate: 54 cts. per 16 c. p. l. equivalent per month.—No commercial arc or power service.

PRINCETON.

(Population 1,425)

MUNICIPAL LIGHT PLANT.

Public service. 26 arc lamps, dusk to midnight, \$40 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount 4 cts. per kw. hr. if paid before the 15th; minimum charge 50 cts. per month; meter rent 25 cts. per month. Flat rates: 35 cts. to 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power rates reported.

RACINE.

(Population 32,290)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 105 arc lamps, 1,200 c. p., dusk to dawn, \$72 per lamp per annum; 197 arc lamps, 1,200 c. p., dusk to 1 a. m., \$54 per lamp per annum; 4 incandescents, 32 c. p., dusk to 1 a. m., \$18 per lamp per annum. Contract period: 5 years—July 1, 1905, to July 1, 1910.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount, according to amount, 20 to 30 per cent; minimum charge \$1. Incandescent lamp renewals are free.—Arc lamps. Same meter rate as above; minimum charge \$1.50 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; discounts, according to amount, 30 to 50 per cent; minimum charge \$2 per month for each motor under 2 h. p.; \$1 additional for each added h. p. A cash discount of 5 per cent allowed on all bills paid before the 10th.

RANDOLPH.

(Population 1,000)

MUNICIPAL ELECTRIC PLANT.

Public service. 6 arc lamps, 88 incandescents, 16 c. p., for which \$1,200 is transferred from the general fund.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—No commercial arc or power rates reported.

REEDSBURG.

(Population 2,515)

MUNICIPAL ELECTRIC PLANT.

Public service. 25 arc lamps, 1,200 c. p.; 55 incandescents, 32 c. p., for which no charge is made.

Commercial service. Incandescents. Meter rate: 75 cts. per 100 amp. hrs.—No commercial arc or power rates reported.

RHINELANDER.

(Population 5,435)

RHINELANDER LIGHTING CO.

Public service. 56 arc lamps, 1,200 c. p., dusk to dawn, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1.50 per lamp per month; hotels, 8 cts. per kw. hr.; discounts according to amount from 10 to 40 per cent. Flat rates: 75 cts. to 25 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Dusk to 10 p. m., \$5 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; minimum charge \$3 per month; discount 10 to 30 per cent.

RICE LAKE.

(Population 3,410)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 22 arc lamps, 2,000 c. p., dusk to midnight,

\$45 per lamp per annum; dusk to dawn, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 5 cts. per socket per month; meter rent 15 cts. per month. Flat rates: 40 cts. per 16 c. p. l. equivalent for residences, 50 cts. for businesses.—Arc service same rate as above.

RICHLAND CENTER.

(Population 2,635)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 61 arc lamps, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 60 cts. per 16 c. p. l. equivalent for businesses, 30 cts. for residences. Lamp renewals are not free.—Arc lamps. Meter rate: 10 cts. per kw. hr.; minimum charge \$3 per month; meter rent 25 cts. per month. Flat rate: dusk to dawn, \$3 per month.—Power service: 8 cts. per kw. hr.; minimum charge 75 cts. per month.

RIO.

(Population 621)

RIO ELECTRIC LIGHT PLANT. (A. E. VAN AERNAM, Prop.)

Public service. 12 arc lamps, 1,200 c. p., dusk till 11 p. m., moonlight schedule, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 50 cts. to 7 cts. per 16 c. p. l. equivalent.—Other lighting and power rates same as above.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO.

Public service. 62 arc lamps. 2,000 c. p., dusk to midnight, every night, \$80 per lamp per annum; moonlight, \$70 per lamp per annum.

RANDOLPH.

(Population 1,000)

MUNICIPAL ELECTRIC PLANT.

Public service. 6 arc lamps, 88 incandescents, 16 c. p., for which \$1,200 is transferred from the general fund.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 50 cts. per 16 c. p. l. equivalent per month. Lamp renewals are not free.—No commercial arc or power rates reported.

REEDSBURG.

(Population 2,515)

MUNICIPAL ELECTRIC PLANT.

Public service. 25 arc lamps, 1,200 c. p.: 55 incandescents, 32 c. p., for which no charge is made.

Commercial service. Incandescents. Meter rate: 75 cts. per 100 amp. hrs.—No commercial arc or power rates reported.

RHINELANDER.

(Population 5,435)

RHINELANDER LIGHTING CO.

Public service. 56 arc lamps, 1,200 c. p., dusk to dawn, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1.50 per lamp per month; hotels, 8 cts. per kw. hr.; discounts according to amount from 10 to 40 per cent. Flat rates: 75 cts. to 25 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Dusk to 10 p. m., \$5 per lamp per month.—Power service. Meter rates: 8 cts. per kw. hr.; minimum charge \$3 per month; discount 10 to 30 per cent.

RICE LAKE.

(Population 3,410)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 22 arc lamps, 2,000 c. p., dusk to midnight,

\$45 per lamp per annum; dusk to dawn, \$90 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 5 cts. per socket per month; meter rent 15 cts. per month. Flat rates: 40 cts. per 16 c. p. l. equivalent for residences, 50 cts. for businesses.—Arc service same rate as above.

RICHLAND CENTER.

(Population 2,635)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 61 arc lamps, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Flat rate: 60 cts. per 16 c. p. l. equivalent for businesses, 30 cts. for residences. Lamp renewals are not free.—Arc lamps. Meter rate: 10 cts. per kw. hr.; minimum charge \$3 per month; meter rent 25 cts. per month. Flat rate: dusk to dawn, \$3 per month.—Power service: 8 cts. per kw. hr.; minimum charge 75 cts. per month.

RIO.

(Population 621)

RIO ELECTRIC LIGHT PLANT. (A. E. VAN AERNAM, Prop.)

Public service. 12 arc lamps, 1,200 c. p., dusk till 11 p. m., moonlight schedule, \$72 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 50 cts. to 7 cts. per 16 c. p. l. equivalent.—Other lighting and power rates same as above.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO.

Public service. 62 arc lamps, 2,000 c. p., dusk to midnight, every night, \$80 per lamp per annum; moonlight, \$70 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. per kw. hr.; discounts according to quantity 10 to 30 per cent; minimum charge 75 cts. per month; meter rent 25 cts. per month on all bills less than \$1.75. Flat rates for signs, window lighting, etc.; 35 cts. to \$1.25 per 16 c. p. l. equivalent per month, according to number and time used. Lamp renewals are not free.—Other lighting meter rates same as above.

RIVER FALLS.

(Population 2,300)

MUNICIPAL LIGHT PLANT.

Public service. 35 arc lamps. No charge made.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr. Flat rates: 50 cts. and 40 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Arc lamps. Flat rate: dusk to midnight, \$4.50 per lamp per month.—Power. Meter rate: 4 cts. per kw. hr. or \$40 per kw. per annum.

SAUK CITY.

(Population 748)

MUNICIPAL ELECTRIC PLANT.

Public service. \$600 raised by taxation to cover this and deficit.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; meter rent 25 cts. per month. Flat rates: 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—No commercial arc or power service.

ST. CROIX FALLS.

(Population 612)

MINNESOTA IMPROVEMENT Co.

Public service. Arc lamps, 3,650 hours service, \$72 per lamp per year; incandescents, \$17.50 per lamp per year, same schedule.

Commercial service. Incandescents. Meter rate: 11.1 cts. per kw. hr.; discount 10 per cent if paid within 10 days; minimum charge \$1 per month. Lamp renewals are free.—Arc lamps. Same meter rate as above; minimum charge per month \$1.11.—

Power service. Meter rate: $7\frac{1}{2}$ cts. for first 52 hrs. per month of demand, all in excess of 104 hours 2 cts. per kw. hr.

SEYMOUR.

(Population 1,118)

SEYMOUR ELECTRIC CO.

Public service. 11 arc lamps, 1,500 c. p., moonlight schedule, \$50 per lamp per annum; 32 and 50 c. p. incandescents, \$14.50-\$22.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 16 cts. to 10 cts. per kw. hr. Flat rate: 50 cts. per 16 c. p. l. equivalent; meter rent 25 cts. per month. Lamp renewals are not free.—Nernst lamps. Flat rate: \$15 per two glower lamp per year.—Arc lamps. Flat rate: \$48 per lamp per annum.—No power service.

SHAWANO.

(Population 2,446)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 38 arc lamps; no revenue.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. for first 50 kws.; 8 cts. for all above; discount 5 per cent if paid before the 10th; minimum charge \$1 per month.—No commercial arc or power service.

SHEBOYGAN.

(Population 24,026)

SHEBOYGAN LIGHT, POWER & RAILWAY CO.

Public service. 185 arc lamps, 2,000 c. p., all night, \$74.50 per lamp per annum.

Commercial service. Incandescents. Meter rates: residences, 15 cts. per kw. hr.; discount 16 2-3 to 40 per cent, according to size of bills; business, 15 cts. per kw. hr.; discounts 10 to 33 1-3 per cent; minimum charges for both rates, \$1 per month. Readiness to serve rate: demand charge, 10 cts. per 16 c. p. l. equivalent per month, plus rate of 6 cts. per kw. hr.; discount 5 per cent if paid before the 15th of the month. Lamp renewals are

free except to factories.—Other lighting rates same as above.—Power rates: 10 cts. per h. p. of motor per 10 kw. hrs.; balance at 3 cts. per kw. hr.; minimum charge \$1 per h. p. per month; discount 5 per cent if paid before the 15th.

SHEBOYGAN FALLS.

(Population 1,411)

FALLS LIGHT AND POWER CO.

Public service. 24 arc lamps, 1,200 c. p., moonlight schedule, \$48 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discount 10 to 33 1-3 per cent; meter rent 20 cts per month. Flat rates: 87½ cts. per 16 c. p. lamp, 62½ cts. per 32 c. p. where few lamps are in service. Lamp renewals are free.—Arc lamps. Flat rate: dusk to 11 p. m., \$4 per lamp per month.—Power service. Meter rate same as above.

SHELL LAKE.

(Population 1,000)

MUNICIPAL ELECTRIC PLANT.

Public service. 10 arc lamps. No charge is made.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rates: 35 cts. per 16 c. p. lamp, 65 cts. per 32 c. p. lamp. Lamp renewals are not free.—Arc lamps: outside lighting, dusk to dawn, \$15.75 per lamp per annum; interior lighting, \$37.50 per lamp per annum.

SOLDIERS GROVE.

(Population 718)

SOLDIERS GROVE ELECTRIC LIGHT CO.

Public service. Incandescents, 32 c. p. and 50 c. p., \$1 per lamp per month.

Commercial service. Incandescents. Flat rates: 30 cts. per 16 c. p. per month for residences; 35 cts. per 16 c. p. per month for businesses. Lamp renewals are free.—No commercial arc or power service.

SOUTH MILWAUKEE.

(Population 5,284)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 44 arc lamps, 2,000 c. p., dusk until 1 a. m., \$84 per lamp per annum; all night lamps at option of city, \$96 per lamp per annum. Contract period, 10 years, Jan. 29, 1901 to Jan. 29, 1911.

Commercial service. Rates same as those filed for Milwaukee.

SPARTA.

(Population 3,807)

O. I. NEWTON SONS CO.

Public service. 56 arc lamps, 1,200 c. p., every night, dusk to 3:30 a. m., \$58 per lamp per annum; 39 incandescents, 25 c. p., dusk till 12 or 1, \$10.20 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12½ cts. per kw. hr. for residences; discounts according to amount, 10 to 20 per cent; minimum charge \$1 per month; meter rent 10 cts. to 45 cts. per month. Flat rates: 60 cts. to \$1 per 16 c. p. l. equivalent. Lamp renewals are free to businesses only.—Nernst lamps. Meter rate: 5 cts. to 8 cts. per kw. hr.—Arc lamps. Flat rate: \$5 per lamp per month.—Power service. Meter rates: 8 cts. to 2¾ cts. per kw. hr.

SPOONER.

(Population 1,170)

MUNICIPAL ELECTRIC PLANT.

Public service. 3 arc lamps and 140 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr. for first 100 kws., to 6 cts. for 300 kws. and over; minimum rate \$1 per month. Flat rate: 50 cts. per 16 c. p. l. equivalent; 3 lamps for one dollar. Lamp renewals are not free.—Power rate to flour mill. \$10 per year.

SPRING GREEN.

(Population 770)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 3 arc lamps, 2,000 c. p., and 36 incandescents, 32 c. p., \$75 per month.

Commercial service. Incandescents. Meter rate: 13 cts. to 11 cts. per kw. hr.; minimum charge 75 cts. per month; meter rent 25 cts. per month. Lamps are not renewed free of charge.

STANLEY.

(Population 2,722)

NORTHWESTERN LUMBER Co.

Public service. 26 arc lamps, 2,000 c. p., all night, \$80 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Flat rates: 50 cts. to 12 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

STEVENS POINT.

(Population 9,022)

STEVENS POINT LIGHTING Co.

Public service. 73 arc lamps, 1,200 c. p., moonlight schedule, \$78 per lamp per annum; 7 lamps furnished free.

Commercial service. Incandescents. Meter rate: 13½ cts. per kw. hr. where consumption is under 100 kws. per month, to 10 cts. per kw. hr. where over 300 kws.; minimum charge 50 cts. per month. Lamp renewals are not free.—Arc service: same meter rate as above.—Power service: 4 cts. per kw hr.; minimum charge \$1 per h. p.; maximum charge \$3 per h. p.

STOUGHTON.

(Population 4,244)

MUNICIPAL ELECTRIC LIGHT SYSTEM.

Public service. 61 arc lamps, 1,200 c. p., dusk to midnight, moonlight schedule, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rates: 10 cts. to 7 cts. per kw. hr.; minimum charge \$1 per month; meter rent 25 cts. per month. Flat rate: 50 cts. per 16 c. p. l. equivalent. Lamp renewals are not free.—Same meter rate for tantalum and arc lamps. Flat rate for arc lamps: \$5 per lamp per month.—Power rates: 8 cts. per kw. hr.; meter rent same as above.

STURGEON BAY.

(Population 4,640)

MUNICIPAL LIGHT PLANT.

Public service. 41 arc lamps, 2,000 c. p., moonlight schedule, \$85 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum rate 75 cts. per month. Lamp renewals are not free.—Power service: 7 cts. per kw. hr.; minimum charge 75 cts. per month. Small appliances go on the incandescent rate.

SUN PRAIRIE.

(Population 1,086)

SUN PRAIRIE ELECTRIC LIGHT & LAUNDRY CO.

Public service. 5 arcs, 1,200 c. p., dusk to midnight, moonlight schedule. \$96 per lamp per annum.

Commercial service. Incandescents. Meter rate: sliding scale, under 5 kw., 18 cts. per kw. hr.; over 100 kws., 8 cts. per kw. hr. Flat rate: 75 cts. per 16 c. p. l. equivalent; over 10 lamps, 50 cts. per 16 c. p. l. equivalent. No commercial arc or power rates reported.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER CO.

Public service. 203 arc lamps, 2,000 c. p., dusk to dawn. \$65 per lamp per annum. This includes lighting of city hall, library, etc.; all in excess of 40,400 kw. hrs. 4 cts. per kw. hr.

Commercial service. Incandescents. Meter rate: 12½ cts. per kw. hr. up to 4 hours per day connected load; additional consumption 6¼ cts. per kw. hr.; minimum charge 5 cts. per

16 c. p. lamp per month; discount 20 per cent for payment before the 15th. Flat rates: 70 cts. to \$1.60 per kw. hr.; same discounts as above. Lamp renewals are not free.—Arc lamps: same meter rate as above.—Power rates: \$2.50 per h. p. of maximum demand, plus 2 cts. per kw. hr. for current consumed; or, 25 cts. per month per h. p. of maximum demand, and 3.75 cts. per kw. hr. for current consumed.

THORP.

(Population 878)

MUNICIPAL ELECTRIC PLANT.

Public service. 14 arcs, 2,000 c. p., dusk to midnight, \$30 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr. Lamp renewals are not free.—Commercial arc rates: dusk to midnight, \$2.50 per lamp per month.—No power service.

TOMAH.

(Population 3,008)

THE C. A. GOODYEAR LUMBER CO.

Public service. 47 arc lamps, 2,000 c. p., dusk to 10 o'clock, \$54 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts 10 to 50 per cent according to amount; minimum charge \$1 per month. Lamp renewals are free.

TOMAHAWK.

(Population 2,626)

ELECTRIC, WATER & TELEPHONE CO.

Public service. 20 arc lamps, 1,200 c. p., moonlight schedule, \$55 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discount according to amount, 10 to 70 per cent; additional discount of 10 per cent if paid within 10 days; minimum charge \$1.25 per month. Flat rate: incandescents, 50 cts. per 16 c. p. l. equivalent; same discount as above. Lamp re-

newals are not free.—Arc lamps. Meter rate same as above. Flat rate: \$5 per lamp per month.—Power service. Meter rate same as above; minimum rate 75 cts. per h. p.

TWO RIVERS.

(Population 4,602)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. 50 arc lamps, 2,000 c. p., dusk to midnight, moonlight schedule, \$45 per lamp per annum.

Commercial service. Incandescents. Meter rate: 9 cts. per kw. hr.; minimum charge 75 cts. per month. Lamp renewals are free.—Arc lamps. Meter rate same as above.—No power rate reported.

VIROQUA.

(Population 2,032)

VIROQUA ELECTRIC LIGHT CO.

Public service. 4 arc lamps, 2,000 c. p., dusk to midnight, \$84 per lamp per annum; 112 incandescents, 50 c. p., \$1.60 per lamp per month.

Commercial service. Incandescents. Meter rate: 20 cts. per kw. hr.; discount 10 to 25 per cent, according to amount; minimum charge 50 cts. per month. Flat rates: 50 cts. and 75 cts. per 16 c. p. l. equivalent. Lamp renewals are free to meter customers.—Arc lamps: 10 o'clock service, \$4.50 per lamp per month.—No power rates reported.

WALWORTH.

(Population 647)

H. T. WINDSOR.

Public service. 16 arc lamps, dusk to midnight, \$75 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr. to businesses; 14 cts. per kw. hr. to residences; minimum charge \$1 per month. Flat rate: 50 cts. per 16 c. p. per month. Lamp renewals are not free.—Arc lamps. Flat rate: dusk till

10 p. m., \$5 per lamp per month.—Power rates: 2.75 cts. per kw. hr., 1,000 kws. or over, 3 cts. for less than this amount; no discount.

WARRENS.

(Population 275)

GEORGE WARREN.

Public service. Incandescent service furnished free.

Commercial service. Incandescents. Flat rate: 20 cts. to 40 cts. per 16 c. p. lamp per month. Lamp renewals are not free.

WASHBURN.

(Population 4,924)

WASHBURN ELECTRIC LIGHT & POWER Co.

Public service. 26 arc lamps, 2,000 c. p., dusk to midnight, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 50 cts. to 15 cts. per 16 c. p. l. equivalent.—No commercial arc or power rates reported.

WATERFORD.

(Population 448)

WATERFORD MILLING AND LIGHT Co.

Public service. 40 incandescents, 32 c. p., dusk to dawn, \$18 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; meter rent \$2 per year. Lamp renewals are free.—No commercial arc or power rates reported.

WATERLOO.

(Population 1,106)

WATERLOO ELECTRIC PLANT.

Public service. No report.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; all over 50 kw. hrs. at 10 cts. per kw. hr.; meter rent 25 cts. per month. Lamp renewals are not free.—No commercial arc or power rates reported.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC CO.

Public service. 76 arc lamps, 2,000 c. p., all night, moon-light schedule, \$70 per lamp per annum for first 70; all over, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: increment rate first 100 kw. hrs., 12 cts. per kw. hr., all over 600 kw. hrs. 4 cts. per kw. hr.; discount 5 per cent if paid before the 15th; minimum charge \$1 per month. Flat rate: 40 cts. to 70 cts. per 16 c. p. lamp. Lamp renewals are free.—Arc lamps: meter rate same as above; minimum charge \$1.50 per annum.—Power rates: first 100 kw. hrs. 8 cts. per kw. hr.; all over 600 kw. hrs., 3 cts. per kw. hr.; same cash discount as above.

WAUKESHA.

(Population 6,949)

WAUKESHA GAS & ELECTRIC CO.

Public service. 99 arc lamps, 6.6 amp., dusk to dawn, \$78.50 per lamp per annum; 17 incandescents, 25 c. p., same schedule, \$16.50 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. to 9 cts. per kw. hr.; discount 10 per cent; minimum charge 50 cts. per lamp per month. Flat rates: \$1.50 per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lamps: \$5 per lamp per month.—Power rates: 11 cts. to 4 cts. per kw. hr. Same discount and minimum bill as above.

WAUPACA.

(Population 2,873)

WAUPACA ELECTRIC LIGHT & RAILWAY CO.

Public service. 30 arc lamps, 2,000 c. p., dusk to dawn, \$76.32 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. to 8 cts. per kw. hr.; minimum charge \$1 per month; meter rent 25 cts. per month. Lamp renewals are free in certain cases.—Nernst lamp. Meter rate same as above.—Arc lamp: Minimum

charge \$2.50 per month, with above meter rate. Flat rate: \$76.32 per lamp per annum.—Power rates: 10 cts. to 6 cts. per kw. hr.

WAUPUN.

(Population 3,111)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. No report.

Commercial service. Meter rate for all service: 15 cts. per kw. hr.; 5 cts. discount if paid by the 10th; additional discount of 10 per cent where bill is over \$5, 20 per cent where in excess of \$10; minimum charge 75 cts. per month. Lamp renewals are not free.

WAUSAU.

(Population 14,458)

WAUSAU ELECTRIC CO.

Public service. 146 arc lamps, A. C. 6.6 amp., dusk to dawn, moonlight schedule. Current furnished the municipal light plant at 2.3 cts. per kw. hr.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; discounts 10 to 50 per cent; meter rent 25 cts. per month. Flat rates: 80 cts. to 60 cts. per 16 c. p. l. equivalent.—Nerust, tantalum and arc lamps. Meter rate same as above.—Power service. Small consumers, meter rates 10 cts. per kw. hr., with 10 to 40 per cent discount, according to amounts consumed. To customers furnishing all transformers and motors, and guaranteeing that bill shall not amount to less than 1-3 of the installment per month. 2 cts. per kw. hr.

WAUWATOSA.

(Population 2,913)

THE MILWAUKEE ELECTRIC RAILWAY AND LIGHT CO.

Public service. 9 arc lamps, 2,000 c. p., dusk to 1 a. m., \$78 per lamp per annum; 103 incandescents, 20 c. p., same schedule, \$18 per lamp per annum. Contract period: 5 years—Sept. 1, 1903, to Sept. 1, 1908.

Commercial service. Rates same as those filed for Milwaukee.

WEST ALLIS.

(Population 2,306)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

Public service. 57 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum.

Commercial service. Rates same as those filed for Milwaukee.

WEST BEND.

(Population 2,362)

WEST BEND HEATING AND LIGHTING CO.

Public service. 30 arc lamps, 1,200 c. p., dusk to dawn, \$60 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; discounts according to amount, from $12\frac{1}{2}$ to $33\frac{1}{2}$ plus 20 per cent; minimum charge \$1 per month; meter rent 15 cts. per month. Flat rates: 60 cts. to 54 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Arc lamps. Meter rate same as above.—Power service. Meter rate: 6 cts. per kw. hr.; meter rent and minimum charge same as above.

WESTBY.

(Population 767)

MUNICIPAL ELECTRIC LIGHT PLANT.

Public service. Arc lamps, dusk till 11 o'clock, \$70 per lamp per annum; 100 16 c. p. l. equivalent incandescent lights. \$700 per year.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge \$1 per month. Flat rates: 65 cts. to 45 cts. per 16 c. p. l. equivalent.—Arc lamps: dusk to dawn, \$70 per lamp per annum.—No power service.

WESTFIELD.

(Population 818)

WESTFIELD MILLING AND ELECTRIC LIGHT CO.

Public service. 21 arc lamps, dusk to midnight, moonlight schedule, \$65 per lamp per annum.

Commercial service. Incandescents. Meter rate: 15 cts. per kw. hr.; minimum monthly charge 25 cts. Flat rate: 25 cts. to 50 cts. per 16 c. p. l. equivalent. Lamp renewals are free.—Nernst and tantalum lamps, meter rates same as above.

WEST MILWAUKEE.

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

Public service. 25 arc lamps, 2,000 c. p., dusk to dawn, \$84 per lamp per annum. Contract period: 3 years, Aug. 1, 1906, to Aug. 1, 1909.

Commercial service. Rates same as those filed for Milwaukee.

WEST SALEM.

(Population 868)

NESHONOC LIGHT AND POWER CO.

Public service. 64 incandescents and village hall, all night service, \$75 per month.

Commercial service. Incandescents. Meter rate: 8 cts. per kw. hr.; minimum charge \$1 per month. Flat rate: \$5 per 16 c. p. per annum.—No arc or power service rates reported.

WEYAUWEGA.

(Population 993)

WEYAUWEGA ELECTRIC LIGHT CO.

Public service. 20 arc lamps, 1,200 c. p., dusk to midnight, \$45 per lamp per annum.

Commercial service. Incandescents. Flat rate: residences \$1 per 16 c. p. l. equivalent for first 5 lights, 10 cts. each for additional lights; businesses 33 1-3 cts. per 16 c. p. l. equivalent per month.

WHITEHALL.

(Population 700)

MUNICIPAL LIGHT PLANT.

Public service. 8 arc lamps and 25 incandescents, for which no charge is made.

Commercial service. Incandescents. Meter rate: 6 cts. per

kw. hr.; minimum charge 75 cts. per month. Flat rate: for less than four lamps, 30 cts. per 16 c. p. l. equivalent.—No commercial arc or power service.

WHITEWATER.

(Population 3,108)

WHITEWATER ELECTRIC LIGHT CO.

Public service. 40 arc lamps, dusk to midnight, \$80 per lamp per annum; 76 incandescents, 32 c. p., \$16 per lamp per annum.

Commercial service. Incandescents. Meter rates: 15 cts. to 5 cts. per kw. hr.; meter rent of 25 cts. per month charged if not paid before 10th. Lamp renewals are free.—No commercial arc or power rates reported.

WITTENBERG.

(Population 1,009)

VIKING LUMBER CO.

Public service. 18 arc lamps, 2,000 c. p., \$55 per lamp per annum.

Commercial service. Incandescents. Meter rate: 12 cts. per kw. hr.; discounts 10 to 25 per cent, according to amount; minimum charge \$1 per month.—No commercial arc or power rates reported.

WYOCENA.

(Population 400)

DUCK CREEK LIGHT & POWER CO.

Public service. 10 incandescents, 32 c. p., \$12 per lamp per annum.

Commercial service. Incandescents. Meter rate: 10 cts. per kw. hr.; minimum charge 50 cts. per month. Flat rate: 25 cts. per month per 16 c. p. l. equivalent. Lamp renewals are not free.—No commercial arc or power service.

II. Gas Rates.

ALTOONA.

(Population 717)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. No revenue. Valued at \$200.

Commercial service. \$1.50 per M cu. ft.

APPLETON.

(Population 17,000)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.45 per M cu. ft. for first 3 M; all over 15 M \$1.25 per M cu. ft. Fuel gas: \$1.30 for first 10 M cu. ft. to \$1.00 for all over 30 M; discount 10 cts. per M on all bills paid within ten days.

ASHLAND.

(Population 14,519)

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

Public service. 126 lamps, Welsbach burners, moonlight schedule, \$24 per lamp per annum. Mantle renewals are free.

Commercial service. Illuminating gas: meter rate \$1.75 per M cu. ft.; discount 25 cts. per M if paid before 10th; minimum charge 25 cts. per month. Fuel gas: meter rate \$1.50 per M; discounts and minimum charge same as above. Power and industrial gas: same as fuel gas.

BARABOO.

(Population 5,835)

BARABOO LIGHTING CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate \$1.75 per M cu. ft.; discount 25 cts. per M if paid before 10th; mini-

imum charge 50 cts. per month. Fuel gas: meter rate \$1.50 per M cu. ft.; discount and minimum rate same as above. Power and industrial gas: same as fuel gas. The higher rate is used where gas is sold through a single meter.

BELOIT.

(Population 12,855)

BELOIT WATER GAS AND ELECTRIC CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.60 per M cu. ft. for sales under 2 M to \$1.10 per M cu. ft. for all over 40 M; minimum charge 50 cts. per month; meter rent 10 cts. per month; discount 10 cts. per M if paid before the 10th. Fuel gas: same rate as above. One meter used.

BERLIN.

(Population 4,638)

BERLIN GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$2.00 per M cu. ft.; discount 25 cts. if paid within 10 days. Fuel gas: \$1.50 per M cu. ft.; discount same as above. Store lighting: \$1.00 per M cu. ft.

CAMBRIA.

(Population 678)

MUNICIPAL GAS PLANT (Gasoline)

Public service. 26 street lamps. 250 c. p., moonlight schedule.

Commercial service. Meter rate, \$1.50 per M cu. ft.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Public service. None furnished.

Commercial service. Illuminating gas: \$1.50 per M cu. ft.; all over 10 M \$1.35 per M cu. ft. Fuel, power and industrial gas: same rate as above.

CLINTON.

(Population 892)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. No revenue.*Commercial service.* \$1.50 per M cu. ft.

DEERFIELD.

(Population 587)

URBAN CONSTRUCTION CO. (Acetylene)

Public service. 12 acetylene gas lamps, moonlight schedule, \$20 per lamp per annum.*Commercial service.* Meter rate: \$15.00 per M cu. ft.; discount 10 per cent if over 300 ft. are used in one month.

EAU CLAIRE.

(Population 18,737)

EAU CLAIRE GAS LIGHT CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, sliding scale, \$1.40 per M cu. ft. for 5 M to \$1.10 per M cu. ft. for 50 M or above; discount 10 cts. if paid before the 15th; minimum charge 25 cts. per month. Fuel and industrial gas: same rate as illuminating gas. Power gas: meter rate \$1.10 per M cu. ft.; same discount and minimum charge as above.

FOND DU LAC.

(Population 17,284)

EASTERN WISCONSIN RAILWAY AND LIGHT CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate \$1.50 per M cu. ft.; discount 10 per cent if paid before the 10th; minimum charge 25 cts. per month. Fuel gas: meter rate, sliding scale, first 10 M \$1.25 per M cu. ft., over 40 M \$0.95 per M cu. ft.; minimum rate and discount same as above.

FOX LAKE.

(Population 908)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 44 Boulevard gas lamps, 100 c. p., dusk to midnight, moonlight schedule; no revenue.

Commercial service. \$1.25 per M cu. ft.

GREEN BAY.

(Population 22,854)

GREEN BAY GAS & ELECTRIC CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate. \$1.75 per M cu. ft.; discount 25 cts. per M if paid before the 10th. Fuel gas: \$1.25 per M cu. ft.; discount same as above. If single meter is used, \$1.55 per M cu. ft. is charged.

HAMMOND.

(Population 445)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. 18 Miner post street lamps, 70 c. p., dusk to 11 p. m., moonlight schedule, \$2 per lamp per month.

Commercial service. \$1.25 per M cu. ft.

HILBERT.

(Population 591)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 16 street lamps, 175 c. p., dusk to 10 p. m., Saturday 11:30 p. m., \$898.15 per annum.

Commercial service. Meter rate \$1.25 per M cu. ft.

HORICON.

(Population 1,553)

MUNICIPAL GAS PLANT (Gasoline)

Public service. 61 street lamps, Climax burner, moonlight schedule, no revenue.

Commercial service. \$1.50 per M cu. ft.; 25 cts. reduction to persons owning meter.

HORTONVILLE.

(Population 890)

HORTONVILLE LIGHT AND POWER CO. (Gasoline)

Public service. 24 street lamps, Welsbach burners, 125 c. p., dusk to 11 p. m., moonlight schedule, \$24.00 per lamp per annum.

Commercial service. \$2.00 to \$1.50 per M cu. ft.

JANESVILLE.

(Population 13,770)

NEW GAS LIGHT CO.

Public service. All city service \$1.20 per M cu. ft. No street lighting.

Commercial service. Illuminating gas: meter rates \$1.50 per M cu. ft.; discount, over 2 M 10 cts. per M to 30 cts. per M for over 10 M. Fuel, industrial and power gas: rates and discount same as above.

JUNEAU.

(Population 944)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 29 street lamps, Belvidere, 80 c. p., moonlight schedule, \$900 per annum.

Commercial service. \$1.50 per M cu. ft.; minimum charge, 25 cts. per month.

KENOSHA.

(Population 16,235)

KENOSHA GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rates, first 5 M \$1.70 per M cu. ft., all above \$1.20 per M cu. ft.; discount 20 cts. per M cu. ft. if paid before the 10th. Fuel gas: \$1.20 per M cu. ft. for first 10 M, \$1.00 for next 20 M, 80 cts. for all over; discount same as above. Industrial and power gas: same rate as fuel gas.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rates, \$1.00 per M cu. ft.; minimum rate, 50 cts. per month; penalty of 10 per cent added to all bills not paid by the 10th of the month. Fuel gas: same rate as above.

MADISON.

(Population 24,301)

MADISON GAS AND ELECTRIC Co.

Public service. None furnished.

Commercial service. First M cu. ft., \$1.25 net per M; next 4 M cu. ft., \$1.15; all above, \$1.00 per M. Doherty rate, \$3 per year per light meter demanded; \$12 per year service charge; 80 cts. per M cu. ft.; 10 per cent discount on bills paid before the 10th.

MANITOWOC.

(Population 12,733)

MANITOWOC GAS Co.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.50 per M cu. ft.; minimum charge 25 cts. per month; discount 25 cts.

per M if paid before 10th. Fuel gas: \$1.25 per M cu. ft.; same discount and minimum rate as above. Power gas: sliding scale; below 500 ft. per month per h. p. installed \$1.00 per M cu. ft., from 500 to 2,000 cu. ft. \$1.00 for first 10 M cu. ft. and 80 cts. per M cu. ft. for all over 10 M; where consumption exceeds 2 M cu. ft. per h. p. installed., \$1.00 per M cu. ft. for first 10 M, 80 cts. per M cu. ft. for next 20 M, 60 cts. per M cu. ft. for all gas in excess of 30 M; minimum charge \$3.00 per year. Industrial gas: \$1.00 per M cu. ft. for first 10 M cu. ft., 80 cts. per M cu. ft. for all above.

MARINETTE.

(Population 15,354)

MENOMINEE & MARINETTE LIGHT & TRACTION CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.67 per M cu. ft. for first 2 M to \$1.25 per M cu. ft. for all over 22 M; minimum charge 50 cts. per month; discount 10 per cent if paid within 10 days. Fuel gas: \$1.11 per M cu. ft.; discount and minimum charge same as above. Power gas: same rate as fuel gas.

MARION.

(Population 746)

MUNICIPAL GAS PLANT. (Gasoline.)

Public service. 22 street lamps, Boulevard, 150 c. p., dusk to 11:30 p. m., moonlight schedule, no revenue.

Commercial service. \$1.25 per M cu. ft.

MARKESAN.

(Population 787)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 32 street lamps, Climax, 60 c. p., dusk to midnight, \$100.00 per month.

Commercial service. \$1.20 per M cu. ft.

MENOMONIE.

(Population 5,473)

MENOMONIE GAS CO. (Oil Gas)

Public service. No report.*Commercial service.* Illuminating gas: meter rate, \$1.65 per M cu. ft.; discounts, 15 cts. for first 8 M to 25 cts. for all over 15 M; meter rent 25 cts. to 50 cts. per month. Fuel gas: \$1.65 per M cu. ft.; discount 25 cts. for first 10 M to 40 cts. for all over 15 M. Power and industrial gas: same rates as above.

MILTON AND MILTON JUNCTION.

(Population 810 & 851)

MILTON & MILTON JCT. COOPERATIVE GAS CO. (Acetylene)

Public service. One lamp, run until 10 p. m. as an experiment.*Commercial service.* \$1.50 per 100 cu. ft.; 10 cts. reduction where party uses 200 ft. or more.

MILWAUKEE.

(Population 312,948)

MILWAUKEE GAS LIGHT CO.

Public service. Gas used in public street lamps sold to the Welsbach Street Lighting Co. of America under contract at 80 cts. per M, plus \$1 rental per lamp post per year.*Commercial service.* Illuminating gas: meter rate, sliding scale, 90 cts. per M cu. ft. for first 10 M cu. ft. to 70 cts. per M cu. ft. for all over 20 M per month; discount of 10 cts. per M for payment before last discount day; minimum charge 27 cts. to \$2.16 per month, according to size of meter. Fuel, power and industrial gas: same rates as above.

WELSBACH STREET LIGHTING CO. OF AMERICA.

Public service. 2,650 Welsbach gas lamps, dusk to dawn, every night, \$22.90 per lamp per annum; 350 Welsbach Naphtha lamps, \$27.80 per lamp per annum. "This service includes everything. furnishing of lamps and posts, labor for lighting

and extinguishing, renewals of glassware and mantles and all other repairs necessary to keep the service in first-class condition."

MENASHA.

(Population 5,960)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 20 cts. per M cu. ft. For other rates see Appleton.

NEENAH.

(Population 6,047)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 20 cts. per M cu. ft. For other rates see Appleton.

NORTH FOND DU LAC.

(Population 1,944)

EASTERN WISCONSIN RAILWAY AND LIGHT CO.

For rates see Fond du Lac.

NEKOOSA.

(Population 1,099)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 21 street lamps. Boulevard, moonlight schedule, dusk to 11 p. m., \$50 per lamp per annum.

Commercial service. \$1.25 per M cu. ft.

OSHKOSH.

(Population 30,575)

THE OSHKOSH GAS LIGHT CO.

Public service. Buildings \$1.00 per 1,000 ft. No street lighting.

Commercial service. Illuminating gas: meter rates \$1.75 per M cu. ft.; discount 50 cts. per M cu. ft. if paid before the 10th; minimum charge 25 cts. per month; prepayment meters 25 cts. payment set at net. Fuel gas: \$1.25 per M cu. ft.; discount 25 cts. to 35 cts. per M if paid before the 10th; minimum rate same as above. Power and industrial gas: same rate as fuel gas.

PALMYRA.

(Population 710)

MUNICIPAL GAS PLANT. (Acetylene)

Public service. 26 lamps, dusk till 11 p. m., moonlight schedule; no revenue.

Commercial service. \$10.00 per M cu. ft.

PORTAGE.

(Population 5,524)

PORTAGE AMERICAN GAS CO.

Public service. 13 gasoline lamps, dusk to dawn, every night, \$30 per lamp per annum; 80 incandescant gas lamps, same schedule, \$23.81 per lamp per annum.

Commercial service. Illuminating gas: meter rate, sliding scale, first 15 M \$1.30 per M cu. ft. to all over 100 M 80 cts. per M cu. ft.; minimum charge per month \$0.13. Fuel gas: same rate. Power gas: first 100 cu. ft., \$1.30 per M cu. ft., all over 5 M, \$1.00 per M.

RACINE.

(Population 32,290)

RACINE GAS LIGHT CO.

Public service. \$1.00 per M cu. ft. for all purposes. No street lighting.

Commercial service. Illuminating gas: meter rate \$1.40 per M cu. ft. for any quantity to local consumers; \$1.70 for any quantity to interurban consumers; minimum charge 25 cts. to \$4.00, according to size of meter; discount 20 cts. per M for payments on or before last discount day. Fuel gas: sliding

scale, \$1.20 per M for first 10 M cu. ft. to 80 cts. per M for all over 30 M per month; discount and minimum charge same as above. Power and industrial gas: same as fuel gas.

RHINELANDER.

(Population 5,425)

ONEIDA GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: \$1.65 per M cu. ft.; discount 15 cts. per M if paid before the 10th; minimum charge 25 cts. per month. Fuel gas: \$1.50 per M cu. ft.; same discount and minimum rate as above.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO. (Oil Gas)

Public service. 5 lamps, midnight to dawn, \$18 per lamp per annum; 1 lamp all night, \$42 per lamp per annum.

Commercial service. Illuminating gas: meter rate, \$6.00 per M cu. ft.; discount for bills under \$3.00, 33 1-3 per cent, to over \$50.00, 70 per cent; minimum charge, 25 cts. per month. Fuel gas: \$6.00 per M cu. ft.; discounts, \$10.00, 62 per cent, over \$50.00, 70 per cent; same minimum charge as above. Where light and fuel pass through the same meter, the higher rate is charged. Power gas: \$6.00 per M; discounts, under \$5.00, 62 per cent, over \$5.00, 75 per cent; same minimum charge as above.

SHEBOYGAN.

(Population 24,026)

SHEBOYGAN GAS LIGHT CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate \$1.60 per M cu. ft. for first 10 M; all over \$1.50 per M; discount 25 cts. per M if paid before the 16th. Fuel gas and industrial gas: same rate as above. Power gas: \$1.00 per M cu. ft. net.

STEVENS POINT.

(Population 9,022)

STEVENS POINT LIGHTING CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$2.00 per M cu. ft.; minimum charge 25 cts. per month; discount 25 cts. if paid before the 10th. Fuel gas: \$1.50 per M cu. ft.; minimum charge 25 cts. per month; same discount as above. No power or industrial gas rates.

STOUGHTON.

(Population 4,244)

STOUGHTON LIGHT AND FUEL CO.

Public service. None furnished.

Commercial service. Illuminating gas: \$1.35 per M cu. ft.; discount 10 cts. per M if paid before the 10th; minimum charge 50 cts. per month. Wholesale rates, sliding scale: more than 42 M in 6 months \$1.20 per M cu. ft.; over 100 M in 6 months \$1.00 per M cu. ft. Fuel, power and industrial gas: same rate as above.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER CO.

Public service. None furnished.

Commercial service. Meter rates, \$1.60 to \$1.40 per M cu. ft.; discount 20 cts. per M if paid before 15th, if paid before 25th 10 cts; minimum charge 25 cts. net per month. Fuel gas: \$1.20 per M cu. ft.; discount and minimum charge same as above. Power gas: 95 cts. to 80 cts. per M; same discount and minimum charge as above. Industrial gas takes fuel gas rates.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC CO.

Public service. 67 Welsbach Boulevard type lamps, dusk to dawn, \$30 per lamp per annum. Mantle renewals are free.

Commercial service. Illuminating gas: meter rate, sliding scale, \$1.60 per M cu. ft. for first 3 M, to \$1.25 per M cu. ft. for all over 10 M; discount 25 cts. per M if paid in 15 days; minimum charge 25 cts. per month; meter rent 25 cts. per month. Fuel gas: sliding scale, \$1.40 per M cu. ft. for first M to 80 cts. per M cu. ft. for all over 15 M; discount, minimum charge and meter rent same as above. No power or industrial gas rates reported.

WAUKESHA.

(Population 6,949)

WAUKESHA GAS AND ELECTRIC CO.

Public service. One gas lamp \$1.50 per month.

Commercial service. Illuminating gas: meter rate \$1.30 per M cu. ft.; discount for payment before 10th, 10 cts. per first M to 50 cts. per M for all over 100 M. Fuel gas: rate same as above. Power gas: meter rate \$1.30 per M; discount 30 cts. per M if paid before the 10th.

WAUSAU.

(Population 14,458)

WAUSAU GAS CO.

Public service. None furnished.

Commercial service. Illuminating gas: meter rate, \$1.65 per M cu. ft.; discount 15 cts. to 25 cts. per M if paid before the 16th; minimum charge 50 cts. per month. Fuel gas: \$1.40 per M cu. ft.; discount 15 cts. per M for payment before the 16th; no minimum bill. No power or industrial gas rate.

WAUTOMA.

(Population 850)

MUNICIPAL GAS PLANT. (Gasoline)

Public service. 37 street lamps; no revenue.

Commercial service. \$1.50 per M cu. ft. for stores and residences.

WAUWATOSA.

(Population 2,913)

WAUWATOSA GAS CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, sliding scale, first 10 M at \$1.30 per M cu. ft., over 20 M at \$1.10 per M cu. ft.; discount 20 cts. per M if paid before the 10th. Fuel, industrial and power gas: rate same as above.

WEST ALLIS.

(Population 2,306)

WEST ALLIS GAS CO.

Public service. None furnished.*Commercial service.* Illuminating gas: meter rate, \$1.40 per M cu. ft.; discount 20 cts. per M if paid before the 10th. Fuel gas: sliding scale, first 10 M at \$1.20 per M cu. ft.; all over 30 M at 80 cts. per M cu. ft.; discount same as above. Power and industrial gas: rates same as fuel gas.

III. Heating Rates.

JANESVILLE.

(Population 13,770)

JANESVILLE ELECTRIC CO.

25 cts. per sq. ft. of radiating surface for season.

KENOSHA.

(Population 16,235)

KENOSHA GAS AND ELECTRIC CO.

20 cts. per sq. ft. of radiation required.

LA CROSSE.

(Population 29,078)

LA CROSSE GAS AND ELECTRIC CO.

18 cts. per sq. ft. of radiating surface.

MARINETTE.

(Population 15,354)

MENOMONIE & MARINETTE LIGHT AND TRACTION CO.

The rates are a matter of individual contract.

WATSON HEATING COMPANY.

First 10,000 lbs. of steam condensed to water, 70 cts. per thousand lbs.; next 10,000 lbs. 65 cts.; all in excess of 350,000 lbs., 40 cts. per 1,000 lbs. Discount of 10 per cent for payment within ten days of date of bill. Minimum rate \$2.00 per month.

MILWAUKEE.

(Population 312,948)

MILWAUKEE CENTRAL HEATING CO.

Low pressure steam: first 25,000 lbs. of condensed steam used in one month, 80 cts. per 1,000 lbs.; second 25,000 lbs., 70 cts.; all over 150,000 lbs. 45 cts. High pressure steam: first 25,000 lbs. of steam used in one month, \$1.00 per 1,000 lbs.; second 25,000 lbs., 90 cts.; all over 150,000 lbs., 70 cts. per 1,000 lbs. Discount 5 per cent for payment on or before the 10th day of the following month.

COLBY-ABBOT BUILDING CO.

30 cts. per sq. ft. of radiation per annum.

PLANKINTON ELECTRIC LIGHT AND POWER CO.

35 cts. per sq. ft. of direct radiation per heating season of 8 months.

WELLS POWER CO.

30 cts. per sq. ft. of radiation per season.

MINERAL POINT.

(Population 3,252)

MINERAL POINT ELECTRIC LIGHT CO.

Meter rate 50 cts. per 1,000 lbs. of condensation; flat rate 25 cts. per sq. ft. of radiation.

NORTH MILWAUKEE.

(Population 1,236)

NORTH MILWAUKEE LIGHT AND POWER CO.

Factories \$1 per day in spring or fall when heat is needed, or \$30 per month. Business places \$25 per month for six months.

WATERTOWN.

(Population 8,622)

WATERTOWN GAS AND ELECTRIC CO.

No regular rates; three customers pay approximately \$200 to \$250 per annum.

WEST BEND.

(Population 2,362)

WEST BEND HEATING AND LIGHTING CO.

First 10,000 lbs. of condensed steam in one month 75 cts. per 1,000 lbs.; second 10,000 lbs., 70 cts.; all over 100,000 lbs., 50 cts. per 1,000 lbs. Discount 5 per cent if paid by 10th of following month.

IV. Water Rates.

ALGOMA.

(Population 2,008)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates, minimum charge, \$6 per annum. Domestic rates: dwelling, one family, one faucet, \$6 per annum, each additional faucet to family \$1.00; water closet \$3; bath tub, \$3; lawn, \$6. Business rates: barber shops, \$8; bakeries, \$8; banks, \$6 and up; butcher shops, \$8; drug stores, \$8; hotels, \$12 for 12 rooms, 50 cts. for each additional room; saloons, \$12; building purposes, 10 cts. per cord stone, 10 cts. per M brick, 15 cts. per 100 yds. plaster.

Meter rates. None reported.

ANTIGO.

(Population 6,663)

ANTIGO WATER CO.

Commercial service. Flat rates: minimum charge \$5 per annum. Domestic rates: dwelling houses, one family, four rooms or less, faucet rate, \$5; each additional room, \$1; water closet, \$5; bath tub, \$5; lawn, 50 ft. front, \$5. Business rates: barber shops, \$6 and up; boarding houses and hotels, \$10 and up; stores and offices, \$5 and up; saloons, \$10 and up; building purposes, 15 cts. per cord stone, 10 cts. per M brick, 25 cts. plastering 100 sq. yds.

Meter rates: minimum \$2.50 per quarter, sliding scale, 5,000 gals. or less per month, 40 cts. per M gals., to 8 cts. for over 300 M gals. per month.

APPLETON.

(Population 17,000)

APPLETON WATER WORKS CO.

Commercial service. Flat rates. Domestic service: one family in a house, \$7 per annum; two or more families, \$5 each; water closet, \$5; bath, \$4; lawn, 60 ft. front, \$6 per season. Business rates: bars, \$7, up; stores, \$5, up; stables, \$1.50 per head.

Meter rates: minimum 84 cts. per month; 30 cts. per 1,000 gals., subject to discount for quantity consumed, varying from 10 per cent for over 3,000 gals. per month to 40 per cent for over 60,000 gals.; 7 per cent cash discount if paid in 10 days.

ARCADIA.

(Population 1,316)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic: dwellings, \$5, up; water closet, \$3; bath tub, \$1; wash basin, \$2. Business rates: barber shops, \$5, up; blacksmiths, \$5, up; offices, \$5 per faucet; restaurants, \$6; saloons, \$8, up.

Meter rates: minimum, \$5 per annum; first 200 gals. per day 30 cts. per thousand gals., next 100 gals. 25 cts., next 300 gals. 20 cts., next 2,400 gals. 15 cts., all over, 10 cts.

ASHLAND.

(Population 14,519)

THE ASHLAND WATER CO.

Public service. City pays for first 54 hydrants \$100 each per annum; next 46 hydrants \$60 each; all additional \$50 each. For other municipal purposes water is free.

Commercial service. Flat rates. Domestic service: family of four rooms, \$6, each additional room, \$1.50; water closet, \$4; bath tub, \$5; lawn, 50 ft. front, \$5; maximum charge for one family, \$30. Business rates: barber shops, \$6, up; hotels, \$1.50 per room; offices, \$5; stores, \$10; restaurants, \$5; saloons, \$8; building purposes, brick 8 cts. per M, plastering $\frac{1}{4}$ ct. per sq. yd.

Meter rates: minimum monthly rate \$1 to \$5; sliding scale, less than 1,000 gals. per day 30 cts. per 1,000 gals.; over 20,000 gals. per day, $12\frac{1}{2}$ cts. per 1,000 gals.

BALDWIN.

(Population 640)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, one family, \$5; water closet, \$10; lawn, \$5; with dwelling, \$7.50.

Business rates: barber shops, \$5 and up; cheese factories, \$15; creameries, \$20; hotels, \$10; meat markets, \$10; offices and stores, \$2.50; saloons, \$15.

BANGOR.

(Population 695)

HUSSA BROS. ELECTRIC LIGHT & POWER PLANT.

Commercial service. Flat rates: private residence, \$6 per year; private barn, \$2.50 to \$6.00 per year; sprinkling \$3-\$5.

Meter rates: 15 cts. per M gals.; minimum rate \$5 per annum.

BARABOO.

(Population 5,835)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: residence of one family, five rooms, \$5, each additional room, \$1; water closet, \$4; bath tub, \$3, up; additional wash basins, \$2. Business rates: barber shops, \$6, up; blacksmith shops, \$5, up; offices, \$5, up; saloons, \$10, up; stores, \$8, up.

Meter rates: sliding scale, less than 300 gals. per day, 50 cts. per 100 gals., to 20 cts. per 100 gals. for more than 5,000 gals. per day.

BAYFIELD.

(Population 2,675)

BAYFIELD MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: 1 faucet per month, 50 cts.; bath tub per month, 25 cts.; water closet per month, 25 cts.; boarding houses per month, \$1.00.

Meter rates: sliding scale, 3,000 gals. or less 35 cts. per M. gals., to 10 cts. per M for over 30,000 gals. and under 40,000 gals. For all over 40,000 gals. in one month at 12 cts. per M gals. For water motor, 20,000 gals. and under, 15 cts. per M, to 10 cts. per M for 35,000 to 50,000 gals.

BELOIT.

(Population 12,855)

BELOIT WATER, GAS & ELECTRIC CO.

Commercial service. Flat rates. Domestic rates: residences, one family, three rooms or less, faucet rate, \$5 per annum, each additional room, \$1 per annum; water closet, first, \$4 per annum, each additional, \$3 per annum; bath tub, first, \$4 per annum, each additional, \$3 per annum; lawn, 50 ft. front, \$6 per annum, each additional ft. 10 cts. Business rates: barber shops, first chair and basin, \$6 per annum, each additional, \$3; offices and stores, first opening, \$6, each additional, \$4; saloons, first bar faucet, \$15, each additional, \$5; restaurants, first kitchen faucet, \$10, each additional, \$4; building rates, 10 cts. per. cd. stone or per M brick, 15 cts. per 100 sq. yds. plaster.

Meter rates: sliding scale, daily consumption 100-300 gals. 35 cts. per M, to 13 cts. per M for 30,000 gals. and over.

BERLIN:

(Population 4,638)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$5, each additional, \$1.50; water closet, first bowl, \$3, each additional, \$2; bath tub, first, \$3, each additional, \$2; lawn, 66 ft. front, \$5, excess in proportion. Business rates: barber shops, first chair, \$5, each additional, \$1; blacksmith shops, faucet, \$5; boarding houses, per room, \$1; building purposes, per M bricks 10 cts., per cord of stone 10 cts., per 100 sq. yds. plastering 15 cts.; saloons, bar scrubbing and pump, \$12.

Meter rates: minimum bill, \$5 for 2,500 cu. ft., or less; sliding scale, 2,500 to 4,000, \$2 per M cu. ft.; to 20,000 or more cu. ft. \$29 first 20,000, excess \$1.40 per M.

BLAIR.

(Population 461)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, six rooms or less, each family, \$4, each additional room, 20 cts.;

water closet per bowl, \$2; bath tubs, each, \$1; sprinkling lawns, 70 ft. front or less, \$4; where water is also used in the house, \$2. Business rates: barber shops, first chair, \$3, each additional, \$1.50; blacksmith shops, one fire, \$2.50, each additional, \$1.50; boarding houses, \$5; building purposes, per M brick 8 cts., per cu. stone 8 cts., per 100 sq. yds. plaster 12 cts.; butcher shops, \$6; saloons, \$10.

Meter rates: 15 cts. per M gals.

BLOOMER.

(Population 1,046)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, each family, two faucets or less, \$5 per annum; each additional faucet, \$1; water closet, \$1.50 per annum; bath, \$1.50 per tub; lawn sprinkling, \$5. Business rates: barber shops, 2 chairs, \$5, each additional chair, \$1; livery barns, \$20; butcher shops, \$12; restaurants, \$8; saloons, \$10 and up; stores, 4 persons, \$5, more than 4 persons, \$10; offices, \$3.

Meter rates: first 5,000 gals., \$1.25; each additional 1,000 gals. or fraction thereof, 20 cts. per M gals.

BRODHEAD.

(Population 1,667)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$2, each additional, 50 cts.; lawns, first hydrant, \$2, each additional, \$1. Business rates: barber shops, first chair, \$2, each additional, \$1; blacksmith shops, \$3; saloons, \$6; butcher shops, \$4; restaurants and eating houses, \$5.

BURLINGTON.

(Population 2,625)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, four room house, \$3.20, five, six or seven room house, \$4, each additional room over seven, 20 cts.; water closets, \$3, each additional,

\$1.50; bath tub, each \$2.50; lawn, four rods front, \$3.50, each additional four rods, \$2. Business rates: barber shops, \$2.50, each additional, \$1.25; building purposes, each barrel of lime 6 cts.; butcher shops, with sprinkler, \$8; blacksmith shops, \$3; saloons, \$8.

Meter rates: minimum \$5 per yr.; sliding scale 1,000 gals. per day, 15 cts. per M gals., to 18,000 gals. per day and over, 6 cts. per M.

CASSVILLE.

(Population 651)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, \$5 per annum. Business rates: saloons, \$5 per annum; breweries, \$60 per annum; livery barns, \$18.80; meat markets, \$12; hotels, \$25; drug stores, \$2.60 per annum.

No meter rates reported.

CHIPPEWA FALLS.

(Population 9,009)

CHIPPEWA FALLS WATER WORKS & LIGHTING CO.

Public service. Contract with city for 100 fire hydrants at \$55 per year, and 56 fire hydrants at \$50 per year. Sprinkling wagon \$40 per month.

Commercial service. Flat rates: minimum rate of \$5 per year. Domestic rates: family kitchen faucet, \$5 per year; bath tub, \$3 per year; water closet, \$4 per year; lawn, two 66 ft. front lots, \$5. Business rates: barber shops, first chair and basin, \$5, each additional, \$1.50; blacksmith shops, first fire, \$5, each additional, \$2; boarding houses, minimum rate \$10 per year, per room \$1; building purposes, per 1,000 brick 10 cts., stone per perch 7 cts., plaster per 100 sq. yds. 40 cts.; stores, one basin, not over four persons, \$5.

Meter rates: sliding scale, 100-300 gals. daily consumption, 30 cts. per M to 60 cts. per M where daily consumption is 30,000 gals. and over.

CLINTON.

(Population 892)

MUNICIPAL WATER WORKS.

Public service. Hydrants, \$25 per annum.*Commercial service.* Flat rates. Domestic service: \$4 per family per annum.

Meter rates: 20 cts. per M gals.

COLUMBUS.

(Population 2,388)

MUNICIPAL WATER PLANT.

Public service. Hydrants, \$40 per annum.*Commercial service.* Flat rates. Domestic rates: family, 8 room house or less, \$5; water closets, \$4 per bowl; bath tub, \$4, each additional, \$3; lawn, 60x150 ft., \$5, each additional foot, 5 cts. Business rates: barber shops, 2 chairs or less, \$5, each additional, \$1; boarding and lodging houses, 6 rooms or less, \$6, each additional, 50 cts.; blacksmith shops, two fires, \$5, each additional fire, \$1; building purposes, per 1,000 brick 10 cts., for stone per cord 10 cts., for plastering 100 yds. 25 cts.; cigar factories, \$5.

Meter rates: 20 cts. per 100 cu. ft.

CORLISS.

(Population 700)

WISCONSIN ENGINE CO.

Meter rates: sliding scale, from 0 to 1,000 gals., 30 cts. per M, to 6 cts. for 30,000 gals. and over.

CUBA CITY.

(Population 755)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: \$4 to \$5 per family per annum.

DEERFIELD.

(Population 587)

MUNICIPAL WATER PLANT.

Commercial service. Flat rates. Domestic rates: family, first faucet, \$5.50, second and third additional, each \$2, each additional, 50 cts. Business rates: stores same as domestic rates; hotels, \$8; building purposes, 10 cts. per 1,000 brick, 10 cts. per cord of stone, 15 cts. per 100 yds. of plastering; liveries, \$10; photograph galleries, \$6.

DELAVAN.

(Population 2,321)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: minimum charge, \$2.50 for six months; first 8,333 gals. \$2.50, to all over 268,333 gals. 8 cts. per M.

DE PERE.

(Population 4,523)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: family, \$5 per year, first faucet, each additional faucet, \$2; each additional family, \$4; water closets, \$3, each additional, \$1; bath tub, \$2; lawn, 60 ft. front, \$5, each additional foot, 2½ cts. Business rates: building purposes, 5 cts. for each barrel of lime or cement used; butcher shops, \$10 to \$15; cigar factories, \$5 to \$10; saloons, \$5 to \$15; stores and shops, one faucet, \$5, each additional, \$2.

Meter rates: minimum, \$1.25 for first 3,000 gals., sliding scale, 3,000-5,000 gals. 35 cts. per M, to 10 cts. per M for 28,000 gals. and over.

DODGEVILLE.

(Population 2,152)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates; minimum charge \$5 per year. Domestic rates: one family, six rooms or less, \$5, each

additional room, 50 cts.; water closets, \$2.50 each; bath tubs, first tub free, each additional, \$2; lawns, 2,000 sq. ft., \$2. Business rates: barber shops, one chair and basin, \$5, each additional chair, \$2; blacksmith shops, one fire, \$3.50, each additional fire, \$3; boarding houses, each room, 50 cts.; building purposes, per 1,000 square yds. plaster 15 cts., 10 cts. per 1,000 bricks, stone per perch 5 cts.; saloons, \$15.

Meter rates: minimum \$5 per annum; sliding scale, daily consumption 100-300 gals. at 20 cts. per M, to 600 to 1,000 gals. at 12 cts. per M.

EAU CLAIRE.

(Population 18,737)

EAU CLAIRE WATER COMPANY.

Public service. City pays for 200 hydrants under original franchise at \$54 per year, and one extension, \$44 per year.

Commercial service. Flat rates. Domestic rates: one family, four rooms or less, \$1.20, five rooms, \$1.45, six rooms, \$1.70, seven rooms, \$1.90, each additional room, 20 cts.; bath tub with heater, \$1, without heater, 75 cts.; water closets, \$1; lawn, 50 ft. front or less, \$5, each additional ft., 10 cts. Business rates: barber shops, first chair and basin, \$1.50, each additional chair, 75 cts.; blacksmith shops, first fire, 50 cts.; building purposes, brick per 1,000 laid 10 cts., stone per perch 7 cts., plastering per 100 sq. yds. 25 cts.; boarding houses, 35 cts. per room; stores, one faucet, \$2, with hose, \$2.50.

Meter rates: sliding scale, 100-300 gals. per day at 30 cts. per M, to 10 cts. per M daily consumption, 30,000 gals. and upwards.

EDGERTON.

(Population 2,416)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates; minimum charge \$5 per annum. Domestic rates: dwelling house, each family, first faucet, \$5, each additional \$1; water closet, first bowl, \$3, each additional, \$2; bath tubs, first tub, \$3, each additional, \$2; lawn, 50 ft. front, \$5, each additional ft., 5 cts. Business rates: barber shops, first chair, \$4, each additional, \$1; blacksmith shops, one faucet, \$5; building purposes, 10 cts. per M brick, 10 cts.

per cd. stone, 15 cts. per 100 yds. of plaster; stores, 22 ft. front, \$5, excess in proportion; saloons, \$10.

Meter rates: sliding scale, 10-300 gals. at 30 cts. per M, to 30,000 gals. and up, 10 cts. per M gals.

ELKHORN.

(Population 1,818)

MUNICIPAL WATER WORKS.

Meter rates: minimum charge, \$1.50, semi-annually; sliding scale, 40 cts. per M gals. for first 5,000 gals., to 20 cts. per M gals. for over 10,000 gals. Rates applied semi-annually.

ELLSWORTH.

(Population 1,060)

MUNICIPAL WATER WORKS.

Meter rate: 50 cts. per M.

ELROY.

(Population 2,011)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: minimum charge, \$5 per annum. Domestic service: dwelling house, 6 rooms, \$5, each additional room, 25 cts.; water closet, \$2.50; bath tubs, \$2; lawn, 2,000 sq. ft. or less, \$1. Business rates: barber shops, first chair, \$3, each additional, \$2; boarding houses, per room, \$1; building purposes, 1,000 brick 10 cts., per cord of stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$10-\$15.

Meter rates on application.

EVANSVILLE.

(Population 1,963)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: daily consumption 10-300 gals. 30 cts. per M, to 10 cts. per M for all above 30,000 gals.

FENNIMORE.

(Population 1,053)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling house, per family, \$6; water closets, per bowl, \$2; bath tubs, \$1; lawn, \$2. Business rates: barber shops, \$4; blacksmith shops, \$3; boarding houses, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$12.

Meter rates: sliding scale, 400 to 1,000 gals., 30 cts., 6,000 to 10,000 gals., 15 cts.; over 10,000 gals., special rates.

FLORENCE.

(Population 1,941)

MUNICIPAL WATER WORKS.

Charges for water are 50 cts. to \$1.25 per month.

FOND DU LAC.

(Population 17,284)

FOND DU LAC WATER CO.

Commercial service. Flat rates. Domestic rates: dwelling, one to five rooms, \$5, each additional room, \$1; water closet, with hard valve, \$5, continual flushing, \$10; bath tub, warm, \$5, cold \$4, each additional, \$2.50; lawn, 200 sq. yds., \$5, 500 sq. yds. 2 cts. per yd., over 500 sq. yds. 1 ct. per yd. Business rates: barber shops, first chair, \$6, each additional, \$4; blacksmith shops, one fire, \$4, each additional, \$3; butcher shops, \$10; cigar factories, five hands, \$10, each additional, \$2; saloons, \$12-\$30; stores and shops, \$9-\$20.

Meter rates: minimum \$3 per annum; sliding scale, 100-500 gals., 5 cts. per 100, to 2 cts. per 100 for 10,000 or more..

GLENWOOD.

(Population 905)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates: 1 tap 75 cts. per month; 2 taps, \$1.50 per month.

GRAND RAPIDS.

(Population 6,157)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling house, not exceeding 5 rooms, \$5, each additional family not occupying more than 3 rooms, \$3; water closet, \$4, each additional, \$2; bath tub, \$4; lawn, 60 ft. or less, \$5. Business rates: barber shops, first chair, \$4-\$6, each additional, \$3; blacksmith shops, one fire, \$3, each additional fire, \$1.50; building purposes, 10 cts. per M brick, 5 cts. per perch of stone, 10 cts. per 100 sq. yds. 2 coats plaster, concrete 1 ct. to 2 cts. per sq. yd.; cigar factories, 5 hands or under, \$5; saloons, \$10-\$20.

Meter rates: minimum charge, \$5 per annum; sliding scale, 15 cts. per 100 cu. ft., when consumption is 100-300 gals. per day, to 5 cts. per 100 cu. ft. where consumption exceeds 12,000 gals.

GREEN BAY.

(Population 22,854)

GREEN BAY WATER CO.

Commercial service. Flat rate. Domestic service: dwelling house, 5 rooms, 1 faucet, \$5, each additional room \$1, each additional faucet, \$2; water closet \$4, each additional, \$3; bath tub \$4, each additional, \$3; lawn, one lot, \$6. Business rates: barber shops, first chair, \$6, each additional, \$2; boarding houses, per room per faucet, \$1, minimum rate, \$10, each additional faucet, \$3; saloons, not less than \$25; butcher shops, not less than \$25; building purposes, each barrel of lime or cement used, 5 cts.

Meter rates: minimum charge \$2.50 per quarter; sliding scale, 500 gals. daily use, 4 cts. per 100 gals. to 2 cts. per 100 gals. for 4,000 gals. or over.

HILLSBORO.

(Population 804)

E. V. WERNICK.

Commercial service. Flat rates: dwellings, one tap, \$5 per annum, 2 taps, \$7 per annum; water closets, \$5 per annum; livery barns, \$15 per annum.

HUDSON.

(Population 3,220)

MUNICIPAL WATER WORKS.

Commercial service. No flat rates with the exception of service to the "Omaha" Ry. Co., who pay \$140 per month for use of water at their shops.

Meter rates: sliding scale, six months consumption of 5,000 cu. ft., 30 cts. per M gals., to 10 cts. per M for six months consumption of all over 15,000 cu. ft.

JANESVILLE.

(Population 13,770)

JANESVILLE WATER CO.

Commercial service. Flat rates. Domestic rates: dwelling of 5 rooms, faucet, \$5, each additional room, \$1; water closet, \$4, each additional, \$2; bath tub, \$4, each additional, \$2; lawn, \$8, with other service, \$5. Business rates: barber shops, one, two and three chairs, \$7.50, each additional chair, \$2.50; butcher shops, \$10; building purposes, 8 cts. per barrel of lime or cement; boarding houses, one faucet at sink or basin, \$15, each additional, \$3.50; stores and offices, \$7 first faucet, \$2.50 each additional.

Meter rates: minimum charge \$2.50 per quarter for buildings serving more than one tenant; sliding scale, 500 gals. per day 35 cts. per M, to 7 cts. per M for 20,000 to 25,000 gals. Over 25,000 on application.

JEFFERSON.

(Population 2,572)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: where daily consumption averages 300 gals., 20 cts. per M gals.; all in excess 10 cts. per M gals.; minimum rate for the quarter, \$1.25.

KAUKAUNA.

(Population 4,991)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms or less, \$5, each additional, \$1; water closet, \$3; bath tub, \$3, each additional, \$2; lawn, 50 ft. frontage, \$5, each additional ft., 5 cts. Business rates: barber shops, first chair \$5, each additional, \$1; blacksmith shops, one fire, \$5, each additional fire, \$2; boarding houses, each room, \$2, no rate less than \$10; cigar factories, per hand, \$1.50; saloons, \$12.

Meter rates: minimum charge of \$1.25 per quarter; sliding scale, 50 to 300 gals. daily consumption 30 cts. per M, to 4½ cts. per M above 60,000 gals.

KENOSHA.

(Population 16,235)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, per family per faucet, \$5, each additional faucet, \$1.50; water closet, \$3, each additional, \$2; bath tub, first, \$3, each additional, \$2; lawn 50 ft. front, \$3, 100 ft. front, \$5, each additional 50 ft., \$2.50. Business rates: barber shops, first chair, \$5, each additional, \$1; blacksmith shops, one faucet, \$5; boarding houses, per room, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per hundred yds. plaster 15 cts.; saloons, \$12.

Meter rates: minimum charge \$5; sliding scale, 500 gals. or less, 12 cts. per M, to 4 cts. per M for 100,000 gals. and over.

KIEL.

(Population 1,130)

MUNICIPAL WATER WORKS.

Commercial service. Meter rate: minimum charge, \$1.50 per quarter, entitling consumer to 835 cu. ft.: all above, 18 cts. per 100 cu. ft. Flat rates for building purposes: per M brick, 15 cts.; per cord stone, 15 cts.; per 100 yds. plaster, 25 cts.

LA CROSSE.

(Population 29,078)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, family, 1 to 2 rooms, \$3, 3 to 4 rooms, \$4, 5 to 6 rooms, \$5, each additional room, 50 cts.; water closet, \$3, each additional, \$2; bath tubs, each \$2; lawn, 1,000 sq. ft. or less free, up to 7,000 sq. ft. \$5, each additional 1,000 ft. 25 cts. Business rates: blacksmith shops, first fire, \$3, each additional fire, \$1; building purposes, brick per M 5 cts., stone per M cu. ft. 10 cts., plastering per 100 sq. yds. 15 cts.; cigar factories, ten persons or less, \$5, each additional person, 25 cts.; stores, \$5 for each five persons employed.

Meter rates: uniform charge of 25 cts. per meter for reading; sliding scale, first 2,000 cu. ft. used in 6 months, 15 cts. per 100 cu. ft., to all in excess of 327,000 ft. used in 6 months, 3 cts. per 100 cu. ft.; minimum rate, \$2.50 for 6 months.

LAKE GENEVA.

(Population 3,449)

LAKE GENEVA WATER AND LIGHT COMPANY.

Commercial service. Flat rate. Domestic rates: dwelling, four rooms, \$1.25, each additional room, 25 cts.; water closet, \$1; bath tubs, \$1, with heater, \$1.25; lawn, per 60 ft. front, \$5. Business rates: barber shops, first chair, \$1.50, each additional, 75 cts.; blacksmith shops, first fire, \$1.25, each additional fire, 75 cts.; boarding houses, per room, 35 cts.; saloons, \$2.50 to \$5; stores, one basin, \$2.25.

Meter rates: minimum charge \$2.50 quarterly; sliding scale: 100 to 300 gals. daily consumption, 35 cts. per M, to 12 cts. per M for 3,000,000 gals. or over.

LAKE MILLS.

(Population 1,602)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, one faucet, \$6; water closets, private, per bowl, \$3; bath tubs, \$3; lawn, one hose nozzle, \$6. Business rates: barber shops,

first chair, \$6, each additional chair, \$1; blacksmith shops, \$6; butcher shops, \$6; building purposes, per M brick 10 cts., per 100 sq. yds. plaster 15 cts., per cord stone 10 cts.; restaurants, three tables or less, \$6.

Meter rates: minimum charge, \$6 per annum; sliding scale: 100 to 300 gals. daily consumption, 25 cts. per M, to 20,000 to 30,000 gals., 8 cts.

LANCASTER.

(Population 2,555)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling, each family, 1 faucet, \$4, each additional faucet, 50 cts.; water closet, each, \$2.50; bath tub, each, \$2; lawn, with other service, \$3; without other service, \$5. Business rates: barber shops, \$6; blacksmith shops, \$5; butcher shops, \$8; cigar factories, \$4; restaurants, \$8.

Meter rates: 40 cts. per M gals.

MADISON.

(Population 24,301)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwellings, six rooms or less, each family, \$5 per annum; water closets, each, \$2.50; bath tubs, each, \$3. Business rates: boarding houses, each room, \$1; building purposes, per M brick 10 cts., per cord stone 10 cts., per 100 sq. yds. plaster 15 cts., cement and concrete per sq. yd. 3 cts.

Meter rates: minimum charge \$2 semi-annually; sliding scale from first 1,500 cu. ft. at \$2, to 15,000 to 30,000 cu. ft. at 5 cts. per 100 cu. ft. Meter rates payable semi-annually.

MANITOWOC.

(Population 12,733)

MANITOWOC WATER WORKS COMPANY.

Commercial service. Flat rates. Domestic rates: dwelling, 4 room, \$5, each additional faucet, 50 cts.; water closet, \$4; bath tub with heater, \$4, without heater, \$3; lawn, 60 ft. front or

less, \$5. Business rates: barber shops, first chair, \$6, each additional chair, \$2; blacksmith shops, first fire, \$5, each additional fire, \$2; building purposes, brick per M 10 cts., stone per cord 25 cts., plaster per 100 yds. 30 cts.; boarding houses, per room, \$1.50; saloons, 2 bar faucets, \$10, wash basin, \$3, with hose connection, \$5.

Meter rates: sliding scale; under 1,000 gals. per day 30 cts., to 15 cts. for 4,000 gals. or over and 13, 12 and 10 cts. for greater amounts.

MARINETTE.

(Population 15,354)

CITY WATER CO.

Commercial service. Flat rates. Domestic service: residences, occupied by one family, four rooms or less, \$4 per annum, each additional room \$1; water closet, \$2.50; bath tub, \$3; sprinkling, \$5 per season. Business rates, per annum: banks, one faucet, \$6; bakeries, per bbl. flour used per day, \$3; barber shops, per chair, \$3; blacksmith shops, each fire, \$3; laundries, \$15 to \$50; printing offices, 6 hands or more, \$1.50 per hand.

Meter rates: where daily consumption is 100 to 1,000 gals., 30 cts. per M gals.; where daily consumption is more than 10,000 gal., 15 cts. per M gal.

MARSHFIELD.

(Population 6,035)

MARSHFIELD WATER, ELECTRIC LIGHT AND POWER CO.

Commercial service. Meter rates: 35 cts. per 1,000 gals. where consumption is 144 gals. per day, to 10 cts. where over 10,000 gals. per day.

MAUSTON.

(Population 1,857)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 7 rooms or less, each family, \$5, each additional room, 50 cts.; water closets, per bowl, \$2.50, when in room with bath tub, \$2; bath tub \$2, when in room with water closet, \$1; lawn, per lot

of $\frac{1}{4}$ acre, \$3. Business rates: barber shops, one chair, \$3, each additional, \$1; blacksmith shops, first fire, \$3.50, each additional, \$1.50; boarding houses, \$5 to \$10; building purposes, per M brick 15 cts., per cd. stone 15 cts., per 100 yds. plaster 20 cts.; cigar factories, per hand, \$1; saloons, \$10.

Meter rates: consumers having $\frac{5}{8}$ in. meter, \$8 for 40,000 gals.; $\frac{3}{4}$ in. meter, \$10 for 50,000 gals.; 1 in. meter, \$12 for 60,000 gals.; larger, \$15 for 75,000 gals. Any excess of the amount named at rate of 15 cts. per M. Consumers using 1,000 gals. per day, 12 cts. per M gals.

MAZOMANIE.

(Population 863)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, first faucet, \$5, additional faucet, \$4.50. Business rates: shops same as for dwelling houses.

MELLEN.

(Population 1,700)

MELLEN WATER AND LIGHT CO.

• *Public service.* City pays \$6 per month per hydrant.

Commercial service. Flat rates. Domestic rates: dwelling, 3 room, 75 cts. per month, 4 to 8 room, \$1 per month; bath room, 50 cts. per month; lawn, \$1 per month.

MENASHIA.

(Population 5,960)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: minimum charge \$5 per year; sliding scale, 1 to 1,000 gals. per day, 15 cts. per M, to 6 cts. per M for from 6,000 to 12,000 gals. per day.

MENOMONIE.

(Population 5,473)

MENOMONIE WATER WORKS.

Commercial service. Flat rates. Domestic service: residence, four rooms or less, one family, \$5, each additional room, \$1;

water closet, \$4; wash basin, \$2; bath tub, \$3 to \$4; sprinkling, \$5. Business rates: banks, \$8 to \$10; bakeries, \$4 per daily average of each bbl. flour used; barber shops, first chair, \$6, each additional chair, \$3; blacksmith shops, first fire, \$5, each additional fire, \$2; laundries, \$8 per tub; offices, \$5 up; printing offices, six hands or less, \$12, each additional hand, \$1.50; saloons, \$10 up; building purposes, brick per M 10 cts., stone per perch 7 cts., plaster per 100 yds. 40 cts.

Meter rates: when daily consumption is 100 to 300 gals., 30 cts. per M gal.; all over 3,000 gals. per day, 10 cts.

MERRILL.

(Population 9,197)

CITY WATER WORKS Co.

Commercial service. No license issues for less than \$5. Flat rates. Domestic rates: dwelling, one family, four rooms or less, \$5, each additional room, \$1; water closets, \$4; bath tub \$3; lawn, 50 ft. front or less, \$5, each additional foot, 10 cts. Business rates: barber shops, each chair, \$6; blacksmith shops, each fire, \$4; building purposes, per M brick 10 cts., per 100 yds. plaster 7 cts.; boarding houses, minimum \$10, per room \$1.50; saloons, \$15 to \$30.

Meter rate: minimum charge, \$1 per month for $\frac{1}{2}$ in. meter; \$2, for $\frac{3}{4}$ in. meter; \$4 for 1 in. meter; each additional $\frac{1}{2}$ in., \$2. Sliding scale, 100 to 1,000 gals. at 40 cts., to 25 cts. per M gals. for from 2,000 to 5,000 gals.

MILWAUKEE.

(Population 312,948)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 1-2 rooms, \$4, 3-4 rooms, \$5, 5-6 rooms, \$6, each additional room, \$1; water closet with self closing valve, 2, each additional, \$4; bath tubs, \$3; lawn, per 1,000 sq. ft., \$2.50. Business rates: barber shops, each chair, \$3; blacksmith shops, each fire, \$3; boarding houses not having more than 4 boarders are rated as private dwellings, all others as hotels, charged \$1.50 per room; butcher shops, \$6 to \$20; building purposes, brick per M 6 cts.,

stone per cu. yd. 15 cts., plaster per 100 sq. yds. 15 cts.; saloons, \$10.

Meter rate: $4\frac{1}{2}$ cts. per cu. ft. or 6 cts. per 1,000 gals. for all water metered; reading, \$1 per year.

MONROE.

(Population 4,269)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, 4 room, first faucet, \$1.50, 6 room house, first faucet, \$2; water closet, \$1, each additional, 75 cts.; bath tub \$1, each additional 75 cts.; lawn, 1 lot, \$6. Business rate: boarding houses, 6 rooms, \$2, each additional, 25 cts.; saloons, \$2.50 to \$5; stores, 1 basin \$2.25, with hose connection, \$2.50.

Meter rates: minimum \$14 per year; sliding scale, daily consumption 100 to 300 gals. at 35 cts. per M; 300 to 1,000 gals. at 30 cts. per M.

NEENAH.

(Population 6,047)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwellings, six rooms or less, for each family, \$5, each additional room, 50 cts.; water closet, \$3; extra wash basin, \$1; sprinkling, 2,000 sq. ft., \$5. Business rates, per annum: banks, \$8 to \$10; bakeries, \$8 to \$10; barber shops, first chair, \$3, each additional, \$2; blacksmith shops, one fire, \$3.50, each additional, \$3; drug stores, \$8 to \$10; eating houses, \$10 to \$20; liveries, per stall, \$1.25; stores, 30 ft. or less, \$5; saloons, \$8 to \$15; building purposes, per M brick 10 cts., per 100 sq. yds. plaster 15 cts., per cu. yd. stone 10 cts. Minimum rate, \$5 per annum.

NEILLSVILLE.

(Population 2,117)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rate: dwelling, 5 rooms, 1 family, \$5, each additional room, \$1, each added family, \$4; water closet, \$3; bath tub, \$3; lawn, 70 ft. front, \$5, where

water is taken in house, \$3, each added foot, 10 cts. Business rates: barber shops, first chair, \$3, each added chair, \$2; blacksmith shops, first fire, \$3, each added fire, \$1; boarding houses, per room, \$1, no service for less than \$10; building purposes, per M brick 10 cts., stone per perch 7 cts., plastering per 100 yds. 40 cts.; saloons, 2 bar faucets, \$10, wash basin, \$3; stores, 1 basin, \$3.

Meter rate: minimum charge \$3.40; sliding scale, first 8,000 cu. ft. per quarter year, 20 cts. per M gals.; all over 16,000 cu. ft. at 10 cts. per M gals.

NEW RICHMOND.

(Population 1,824)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwellings, \$8, with bath \$15. Business rates: barber shops, \$9; saloons, \$12; stores \$8.

NORTH FREEDOM.

(Population 578)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling houses, 10 rooms or less, \$3, each added room, 50 cts.; water closets per bowl, \$1.50, when in room with bath tub, \$1; bath tubs, \$1.50, when in same room with water closet, \$1; lawn, $\frac{1}{4}$ acre, \$3. Business rates: barber shops, 1 chair, \$2; blacksmith shops, 1 fire, \$2, each additional fire, \$1; boarding houses, per room, 50 cts.; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 yds. plaster 15 cts.; saloons, \$10 to \$15.

Meter rates: sliding scale, 100 to 300 gals. per day, per M gals. 15 cts., above 1,000 gals. per day, 6 cts. per M gals.

OCONOMOWOC.

(Population 3,013)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates only: sliding scale; first 300,000 gals. or part thereof used during the term of six months, 15 cts. per M gals., all above 3,100,000 gals. at 6 cts. per M gals.

OCONTO.

(Population 5,722)

OCONTO WATER SUPPLY CO.

Commercial service. Flat rate. Domestic rate: dwelling, one family, one to five rooms, \$5, each additional room, \$1; water closet, first, \$5, each additional, \$3; bath tub, \$4; lawn, 200 sq. yds. or less, 2 cts. per yard, next 300 yds., 1½ cts., all over 500, 1 ct. per yd. Business rates: barber shops, first chair, \$5, more than one, \$4; blacksmith shops, each fire, \$3; boarding houses, minimum \$10, each room, \$1.50; butcher shops, \$15; saloons, \$12 to \$30.

Meter rates: minimum charge \$5; sliding scale, 100 to 500 gals. per day at 5 cts. per 100 gals., to 10,000 or more gals. per day at 2 cts. per 100 gals.

ONALASKA.

(Population 1,106)

MUNICIPAL WATER WORKS.

Commercial service. Flat rate. Domestic rates: dwelling, six rooms or less, each family, \$4, each additional room, 20 cts.; water closets, per bowl, \$2; bath tubs, each \$1.50; lawn, 70 ft. front or less, \$4, each additional front foot, 8 cts. Business rates: barber shops, 1 chair, \$3, each additional chair, \$1.50; blacksmith shops, one fire, \$2.50, each additional fire, \$1.50; boarding houses, per room, 75 cts.; building purposes, per M brick 8 cts., per 100 sq. yds. plaster 12 cts., per cd. stone 8 cts.; saloons, \$10. No water supplied for a less sum than \$4.

OSHKOSH.

(Population 30,575)

OSHKOSH WATER WORKS CO.

Commercial service. Flat rates. Domestic rates: dwellings, faucet rate not to exceed \$1 per room; if more than six rooms, each additional faucet \$1; water closet, first, \$4, each additional, \$2; bath tub, \$2; lawn, first 200 sq. yds., \$5, next 300 sq. yds. per yd., 1.5 cts., over 50 sq. yds. 1 ct. per sq. yd. No service to be for less than \$1.25 quarterly. Business rates; all metered service.

Meter rate: minimum charge \$2 per quarter; sliding scale; 5,000 gals. or less per month 40 cts. per M, to 900,000 gals. per month 5 cts. per M.

PHILLIPS.

(Population 2,011)

PHILLIPS LIGHT, WATER, HEAT AND POWER CO.

Commercial service. Flat rates. Domestic rates: dwellings, 7 rooms or less, \$3, each additional room, 30 cts.; water closets, \$3, each additional, \$2; bath tub, \$1.50, each additional \$1.25; lawn, \$3. Business rates: barber shops, first chair, \$2.50, each additional, \$1; boarding houses, \$10 minimum, each room 25 cts.; building purposes, brick per M laid 10 cts., plaster per 100 sq. yds. 25 cts.; cigar factories, minimum \$5, per hand 50 cts.; saloons, \$10.

PLATTEVILLE.

(Population 4,438)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms, \$4.50, 5, 6 and 7 rooms, \$5, each additional, 25 cts.; water closet, \$2; bath tub, \$1; lawn, 2,500 sq. ft. or less, \$1.50, each additional 2,500 sq. ft., 50 cts. Business rates: barber shops, one chair, \$3, each additional, \$1; blacksmith shops, one fire, \$3.50, each additional fire, \$1; building purposes, brick per M 5 cts., stone per cu. yd. 15 cts., plastering per 100 yds. 10 cts.; butcher shops, \$6; saloons, \$10.

Meter rates: minimum charge \$1; sliding scale, up to 1,000 gals. 30 cts., to 10 cts. for 10,000 gals. to 14,000 gals. per day.

PLYMOUTH.

(Population 2,764)

PLYMOUTH CITY WATER WORKS. (MUNICIPAL)

Commercial service. Meter rates: sliding scale from 30 cts. per M gals. where the daily consumption is from 100 to 300 gals., to 10 cts. per M where the daily consumption exceeds 30,000 gals.

PORTAGE.

(Population 5,524)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 2 faucets, each family \$5, each additional faucet, \$1; water closet, \$2; bath tub, \$2, each additional, \$1. Business rates: barber shops, two chairs or less, \$5, each additional chair, \$1; butcher shops, \$5 to \$10; building purposes, per M brick 7 cts., per 100 sq. yds. plaster 15 cts., per cd. stone 15 cts.; stores, first faucet, \$5, each additional, \$2; saloons, \$5 to \$15.

Meter rates: minimum charge \$5; sliding scale, 300 gals. daily consumption, per 100 gals. 5 cts., to 5,000 gals. and upward, daily, per 100 gals., 2 cts.

PRAIRIE DU CHIEN.

(Population 3,179)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, consumers using 500 gals. or under daily, 30 cts. per M, to consumers 2,000 to 5,000 gals. daily, 20 cts. per M. Those using over 5,000 gals., special rates.

RACINE.

(Population 32,290)

RACINE WATER CO.

Commercial service. Flat rates. Domestic rates: dwellings, 1 faucet, \$4.80, each additional, \$1.80; water closet, \$4, each additional, \$2; bath tub, each, \$3.60; lawn, \$4.80. Business rates: barber shops, first chair, \$3, each additional chair, \$1; butcher shops, \$6, with sprinkler, \$12; saloons, with beer pump, \$16, without beer pump, \$10; stores, 1 faucet, \$5.

Meter rates: sliding scale up to 1,000 gals. daily consumption, 30 cts. per M; 30,000 gals. and over, daily, 6 cts. per M.

REEDSBURG.

(Population 2,515)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, first 5,000 gals., 25 cts. per M gal.; over 6,000,000 gals., 7 cts. per M gal.

RIHINELANDER.

(Population 5,435)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: 20 cts. for under 5,000 gals. per month, to 4 cts. per M gals. for over 300,000 gals. per month; minimum rate, where customer owns meter, \$7.50 per annum; 50 per cent additional charged where city owns meter.

RICE LAKE.

(Population 3,410)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms, \$1.25, 5 rooms, \$1.45, six rooms, \$1.70, 7 rooms, \$1.90, each additional room, 20 cts.; water closet, \$1; bath tub, 75 cts., with heating attachment, \$1; lawn, 30 ft. front or less, \$5, each additional foot, 10 cts. Business rates: barber shops, first chair and basin, \$1.50, each additional chair, 75 cts.; blacksmith shops, first fire, \$1.25, each additional fire, 50 cts.; building purposes, brick per M laid 10 cts., stone per cord 10 cts., plastering per 100 sq. yds. 15 cts.; boarding houses, minimum \$2.50, per room 35 cts.; saloons, 2 bar faucets, \$2.50, and one self-closing and one hose bar faucet, \$3.50, wash basin and self-closing faucet, 75 cts.

Meter rates: minimum charge \$5; sliding scale, daily consumption less than 200 gals. 30 cts. per M, to all above 10,000, 8 cts. per M.

RICHLAND CENTER.

(Population 2,635)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 10 rooms or less, \$5, each additional room, 50 cts.; water closets, per bowl, \$2; bath tubs, \$1; lawn, 2,000 sq. ft. \$2.50. Business rates: barber shops, \$3; blacksmith shops, \$3; boarding houses, per room, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 sq. yds. plaster 15 cts.; saloons, \$10 to \$15.

Meter rate: minimum charge \$5; sliding scale, daily consumption 100 to 300 gals. per M, 20 cts., to all over 1,000 gals., 10 cts.

RIPON.

(Population 3,811)

RIPON LIGHT AND WATER CO.

Commercial service. Flat rates, minimum charge \$5. Domestic rates: dwelling, 5 rooms or less, \$5, six rooms, \$6, each room over six, 50 cts.; water closet, \$4, each additional closet $\frac{1}{2}$ rate; bath tub, \$3, no charge for additional tubs; lawn, 66 ft. front, \$5, each additional ft. 7 cts. Business rates: barber shops, first chair, \$6, each additional chair, \$2; blacksmith shops, one or two fires, \$6, each additional fire, \$2; building purposes, per M brick 10 cts., stone per cord 15 cts., plaster per 100 sq. yds. 30 cts.; boarding houses per room, \$1.25; saloons, bar use, \$10, with hose-faucet, \$12.

Meter rates: minimum charge \$2 per quarter; sliding scale, up to 300 gals. per day, 20 cts. per M, to 25,000 gals. and over 6 cts. per M.

RIVER FALLS.

(Population 2,300)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 20 cts.; water closet, \$2; bath tub, \$2; lawn, $\frac{1}{8}$ acre, \$3. Business rates: barber shops, 3 chairs or less, \$6; blacksmith shops, 2 fires or less, \$5, each additional fire, \$1; boarding houses, six rooms or less, \$5, each additional room, 50 cts.; building purposes, no permit less than \$1, brick per M 5 cts., stone per perch 5 cts., plastering per 100 yds. 40 cts.; saloons, \$8, with residence connected, \$10.

Meter rates: monthly consumption 10,000 gals or less, 20 cts., over 10,000 gals. 15 cts.; special rates to consumers using over 20,000 gals.

SHARON.

(Population 929)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling house, per family, \$5; bath tub, \$2.50; lawn, $\frac{1}{4}$ in. nozzle, \$5,

$\frac{5}{8}$ in. nozzle, \$6, $\frac{3}{8}$ in. nozzle \$7.50. Business rates: saloons, \$12.50; livery stables, per horse, \$1.50.

Meter rates: sliding scale, first 1,000 gals. at 30 cts., to 25,000 gals. to 30,000 gals. 25 cts.

SHAWANO.

(Population 2,446)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 50 cts.; water closet, \$2, each additional, \$1; lawn, 60 ft. front \$3, each additional foot, 3 cts.

Meter rates: minimum charge \$1.25 per quarter; sliding scale, first 8,000 gals. during quarter, \$1.25; next 17,000 gals. at 12 cts., per M; over 25,000 at 8 cts. per M.

SHEBOYGAN.

(Population 24,026)

CITY WATER COMPANY.

Commercial service. Flat rates. Domestic service: residence of five rooms or less, \$5 per annum, each additional room, \$1; bath, \$3.50 to \$5 per annum; water closet, \$4; wash basin, \$3. Business service: banks, \$10; barber shops, \$6, each additional chair, \$4; offices, \$5; private stables, \$4; saloons, \$12 to \$30; stores, \$5 to \$20.

Meter rates; increment rate 40 cts. for first 1,000 gals., to 5 cts. for all over 1,000,000 gals.

SHELL LAKE.

(Population 1,000)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling with 1 faucet, \$6; water closet \$2; bath room, \$2; lawn, \$2. Business rates: saloons, \$12; offices, \$4; stores, \$8.

SOUTH MILWAUKEE.

(Population 5,284)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: residence, first 5 rooms, \$1 per quarter, each additional room, 12½ cts.; bath, 25 cts.; sprinkling, 6 months, \$1.50. Business rates: stores, offices, etc., 75 cts. per quarter.

Meter rates: sliding scale, first 18,000 gals. per quarter, 25 cts. per M, next 45,000 gals., 9 cts., next 45,000 gals., 7 cts. per M gals.

SPARTA.

(Population 3,807)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, six rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, \$1.50, each additional, \$1; bath tub, \$1.50, each additional, \$1; lawn, where water is not used in house, 50 by 150 ft., \$5, each added foot 5 cts., if used in house 5 cts., per front foot. Business rates: barber shops, two chairs or less, \$5, each added chair, 50 cts.; blacksmith shops, \$5; boarding houses, six rooms or less, \$5, each added room, 50 cts.; building purposes, brick per M 10 cts., stone per cu. yd. 10 cts., plaster per 100 yds. 25 cts.; saloons, \$8.

Meter rates: minimum charge \$2.50 per six months; sliding scale, 200 cu. ft. per day, per 100 cu. ft. 11 cts. to 400 to 700 cu. ft. per day per 100 cu. ft., 9 cts., and over 700 cu. ft. special rate.

SPRING VALLEY.

(Population 1,103)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling of 8 rooms or less, \$4 per annum, each additional room, 20 cts.; bath, \$2; water closet, \$2; sprinkling, ¼ acre, \$3. Business service: barber shops, \$4; blacksmith shops, \$3 and up; boarding houses, 6 rooms or less, \$5, each additional room, 50 cts.; meat markets, \$4; offices, \$4; restaurants, \$4; saloons, \$6; stores,

\$4; building purposes, laying brick 5 cts. per M, stone 2 cts. per perch, plastering 40 cts. per 100 yds.

Meter rates: sliding scale; where monthly consumption is less than 10 M, 20 cts. per M gals.; where above 10 M, 15 cts. per M gals. Special rates given to customers using 20 M gals. or more.

STANLEY.

(Population 2,722)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: sliding scale, 100 to 300 gals. per day 25 cts. per 1,000 gals., 20,000 to 30,000 gals. per day 6 cts. per M gals.

STEVENS POINT.

(Population 9,022)

STEVENS POINT WATER CO.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms, \$5, each additional room to 8, \$1, over 8, 50 cts., additional families, \$2; water closet, \$4, each additional bowl, \$2; bath tub, \$4; lawn, when water is used in house, \$5 for 60 ft. front, each additional foot 5 cts., when water is not used for other purposes, 10 cts. each additional ft. Business rates: barber shops, one chair, \$6, each additional chair, \$3; butcher shops, \$6 to \$12; blacksmith shops, one fire, \$4, each additional fire, \$2; building purposes, per M brick 10 cts., per perch stone 5 cts., plastering per 100 sq. yds., two coats, 10 cts.; saloons, \$10-\$12.

Meter rates: minimum charge \$5, sliding scale, 100 to 300 gals. per day, 35 cts., to all over 30,000 gals. 12½ cts.

STOUGHTON.

(Population 4,244)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, each family, \$6, each additional room, 50 cts.; water closet, per bowl, \$2.50; bath tub, \$3; lawn, 2,000 sq. ft. \$1. Business rates: barber shops, one chair, \$3, each additional, \$3; boarding houses, per room, \$1; building purposes, per M

brick 10 cts., per cu. stone 10 cts., per 100 sq. yds. plaster 15 cts.; butcher shops, \$8 to \$10; saloons, \$17.

Meter rates: minimum charge, \$6; sliding scale, 300 gals. per day, 5 cts. per 100 gals.; 5,000 gals. and upward, 2 cts. per 100 gals.

SUN PRAIRIE.

(Population 1,086)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 8 rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, per bowl, \$2; bath tub, \$4, each additional tub, \$3; lawn, \$5, if water is also taken in house 5 cts. per foot. Business rates: barber shops, 2 chairs or less, \$5, each additional chair, \$1; blacksmith shops, 2 fires, \$5, each additional fire, \$1; boarding houses, six rooms or less, \$6, each additional room, 50 cts.; building purposes, per M brick 10 cts., per cu. stone 10 cts., per 100 yds. plaster 25 cts.; saloons, \$5 to \$15.

Meter rates: sliding scale, 6,000 cubic ft. or less per 6 months, 30 cts. per M cu. ft.; over 60,000 cu. ft. per 6 months, 8 cts. per M cu. ft.

SUPERIOR.

(Population 36,551)

SUPERIOR WATER, LIGHT & POWER CO.

Public service. 10 hydrants to the mile, \$40 per hydrant per annum.

Commercial service. Flat rates. Domestic service: residence occupied by one family, one to four rooms, \$4.80 per annum, each additional room, 80 cts.; water closet, \$4 to \$4.80; bath, \$3.20 to \$4.00; sprinkling, first 50 sq. yds., \$0.032 per sq. yd., all over, \$0.016 per sq. yd. Business rates, per annum: bakeries, each oven, \$12 to \$25; barber shops, first chair, \$6.40, each additional chair, \$3.20; butcher shops, \$8; forges, first fire, \$3.20, each additional, \$2.40; stores, \$8 to \$16; saloons, \$9.60 to \$24; building purposes, brick per M \$.084, stone per perch \$.056, plaster per sq. yd. \$.004. All rates payable quarterly in advance and subject to a discount of 8 per cent.

Meter rates: 250 cu. ft. or less per month, \$1, discount 25 cts.; from 400 to 900 cu. ft., 30 cts. per 100 cu. ft.; all over 100,000 cu. ft., \$.06525 per 100 cu. ft.; discount 8 per cent; meter rent, 25 cts. per month.

TOMAH.

(Population 3,008)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 1 sink, \$5; water closet, \$2.50; bath, \$1; lawn, each 50 ft. lot, \$2.50. Business rates: barber shops, \$5; blacksmith shops, 1 fire, \$3.50, each additional fire, \$3; boarding houses, per room, \$1; building purposes, per M brick 5 cts., per cd. stone 5 cts., per 100 sq. yds. plastering 10 cts.; saloons, \$10.

Meter rates: 15 cts. per M gals.

TOMAHAWK.

(Population 2,626)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, \$4 per annum; water closet, \$1; bath tub, \$2. Business rates: barber shops, 1 chair, \$4, each additional chair, \$2; boarding houses, 10 rooms or less, \$6, each additional, 50 cts.; saloons, \$8.

TWO RIVERS.

(Population 4,602)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic service: dwelling, first faucet, \$5, with hose connection, \$10, each additional faucet, \$1, each additional family, \$4; water closet, first bowl, \$3, each additional bowl, \$2; bath tub, \$2, each additional, \$1; lawn, \$5. Business rates: barber shops, first chair, \$5, each additional chair, \$2; blacksmith shops, first fire, \$5, each additional fire, \$1; building purposes, per M brick 10 cts., per cd. stone 10 cts., per 100 yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, bar scrubbing and pump, \$12; bar \$5.

Meter rates: minimum charge \$6; 14 cts. per 100 cu. ft.

VIROQUA.

(Population 2,032)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, per family, \$5; water closet, each \$2; lawn, \$5; stores and offices, \$5; all other business places, meter or special rate.

Meter rates: minimum charge \$5; sliding scale, less than 1,000 gals. per day 25 cts. per M; over 1,000 gals. 15 cts.

WASHBURN.

(Population 4,924)

WASHBURN WATER WORKS CO.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$10, each additional room, \$2; water closet, \$5; bath tubs, each \$5; lawn, 50 ft. front, \$7.50. Business rates: barber shops, each chair, \$8; blacksmith shops, each fire, \$4; boarding houses, per room, \$2.50; building purposes, brick per M 10 cts., stone per cd. 15 cts., plastering per 100 sq. yds. 25 cts.; saloons, \$25 to \$50.

Meter rates: minimum charge \$2.50 per quarter; sliding scale, daily consumption of 100 gals. 40 cts. per M, to 5,000 to 10,000 gals. per day 20 cts. per M.

WATERTOWN.

(Population 8,622)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, \$5, each additional room, 50 cts.; water closet, per bowl, \$2.50; bath tub, \$3, each additional, \$2; lawn, lot 66 ft. front, \$5, each additional front foot 6 cts. Business rates: barber shops, first chair, \$5, each additional chair, \$1; blacksmith shops, one fire, \$5, each additional fire, \$1; boarding houses, minimum \$10, per room \$1; building purposes, per M brick laid 7 cts., stone per perch 8 cts., plaster per 100 sq. yds. 30 cts.; saloons, two bar faucets, \$8-\$10, 1 faucet with hose connections, \$10-\$15.

Meter rates: minimum charge \$5; sliding scale, daily consumption 100-300 gals. per M 25 cts.; 20,000 to 30,000 gals. per M 8 cts.

WAUKESHA.

(Population 6,949)

MUNICIPAL WATER WORKS.

Public service. \$30 per hydrant per annum. Other purposes, sprinkling, schools, etc., 6 cts. per M gals.

Commercial service. Meter rates: minimum charge, dwellings, \$4-\$6; saloons, \$10; barber shops, \$4; laundries, \$10; livery stables, \$10; bakeries, \$10; sliding scale, up to 1,000 gals. per day, 30 cts.; from 5,000 to 20,000 gals. per day, 15 cts.

WAUPACA.

(Population 2,873)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 6 rooms or less, each family, \$4, each additional room, 50 cts.; water closet, per bowl, \$2; bath tub, \$2, each additional tub, \$1; lawn, per lot, 66 ft. front, \$4, each additional front foot, 4 cts. Business rates: barber shops, 3 chairs or less, \$5, each additional chair, \$1.50; blacksmith shops, \$5; building purposes, per M brick 10 cts., per ed. stone 10 cts., per 100 sq. yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, \$10-\$15.

Meter rates: minimum charge, \$5; sliding scale, 10,000 gals. or less per 6 months, 25 cts.; to over 170,000 gals. per 6 months, \$27.50.

WAUPUN.

(Population 3,111)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 5 rooms or less, 1 faucet, \$5, additional families, \$4 per family; water closet, per bowl, \$3; bath tub, \$1; lawn, 2,000 sq. ft., \$5. Business rates: barber shops, 1 chair, \$5; building purposes, per M brick 10 cts., per ed. stone 10 cts., per 100 sq. yds. plaster 15 cts.; stores, \$5; saloons, \$8.

Meter rates: minimum charge \$7; sliding scale, first 17,000 gals., 40 cts. per M gals.; to all over 37,000 gals., 15 cts. per M gals.

WAUSAU.

(Population 14,458)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$5, each additional room, 50 cts., each additional family, \$4; water closet, per bowl, \$2.50; bath tub, per tub, \$3; lawn, 60x120 ft. lot with house on it, \$1, each additional lot \$1. Business rates: barber shops, 1 chair, \$3, each additional, \$2; blacksmith shops, 1 fire, \$3, each additional, \$1.50; building purposes, per M brick 10 cts., per cd. stone 15 cts., per 100 sq. yds. plaster 15 cts.; boarding houses, per room, \$1; saloons, \$10.

Meter rates: minimum charge for 100 gals. per day; sliding scale, less than 300 gals. per day, 5 cts. per 100; to 5,000 gals. and upward, 2 cts. per 100.

WEST BEND.

(Population 2,362)

MUNICIPAL WATER WORKS.

Commercial service. Meter rates: manufacturers, 8 cts. per M gals.; domestic and other purposes, 12 cts. per M gal.; minimum rate, \$1.25 per quarter; fine of 10 per cent added for failure to pay before the 10th.

WESTBY.

(Population 767)

MUNICIPAL WATER WORKS.

Commercial service. Flat rates. Domestic rates: dwelling, \$5; water closet, \$3. Business rates: barber shops, \$5; saloons in connection with hotel, \$10.

Meter rates: minimum charge, \$5; sliding scale, under 500 gals. daily, 40 cts. per M gals.; 500-1,000 gals. daily at 35 cts. per M gals.

WHITEHALL.

(Population 700)

MUNICIPAL WATER WORKS.

Commercial service. Water committee assesses tax. Assessment roll on file.

WHITEWATER.

(Population 3,108)

WHITEWATER WATER WORKS CO.

Public service. 96 double nozzle hydrants, city schools, 2 public fountains, 3 water troughs, 2 drinking fountains, at \$4,000 per year, each additional fire hydrant, \$33.

Commercial service. Flat rates. Domestic rates: dwelling, 4 rooms or less, \$1.25, each additional room, 25 cts.; water closet, \$1; bath tub, \$1; lawn, 50 ft. front or less, \$5, each additional front foot, 7 cts. Business rates: barber shops, first chair, \$1.50, each additional, 75 cts.; blacksmith shops, first fire, \$1.50, each additional fire, 50 cts.; boarding houses, minimum \$2.50, per room 35 cts.; saloons, \$3-\$5; stores, 1 basin and faucet, \$2, with hose connection, \$2.50.

Meter rates: sliding scale, daily consumption 100 to 1,000 gals. 50 cts. per M, to 20 cts. per M for 5,000 to 10,000 gals. per day.

V. Telephone Rates.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.
Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	Radius from central office, Miles.	BUSINESS.					RESIDENCE.							
		One party lines.	Two party lines.	Four party lines.	Eight party lines.	Receiving business lines.	Extension business tel.	One party lines.	Two party lines.	Four party lines.	Eight party lines.	Extension residence tel.	Extension residence desk tel. (no bell.)	Extension residence wall tel. (special.)
Algoma.....	1	\$30 00		\$24 00		\$15 00	\$12 00	\$18 00	\$30 00	\$12 00		\$9 00	\$7 80	\$3 00
Appleton.....	1†	48 00	\$38 00	27 00		24 00	12 00	36 00	24 00	24 00	\$12 00	9 00	7 80	6 00
Ashland.....	1†	48 00	36 00	24 00		24 00	12 00	36 00	24 00	9 00	12 00	9 00	7 80	6 00
Bayfield.....	1	30 00		24 00	\$18 00	15 00	12 00	18 00	12 00	9 00		9 00	7 80	6 00
Beaver Dam.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Brookfield.....	1	30 00		24 00		15 00	12 00	18 00				9 00	7 80	6 00
Burlington.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Burnett Junction.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Cedarburg.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Chippewa Falls ¹	1†	48 00	36 00	27 00		24 00	12 00	24 00	18 00			9 00	7 80	6 00
Columbus.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Corliss.....	†	30 00	24 00			15 00	12 00	24 00	18 00			9 00	7 80	6 00
Darlington.....	1	30 00		24 00	12 00	15 00	12 00	18 00		12 00	9 00	9 00	7 80	6 00
Delavan.....	1	30 00		24 00		15 00	12 00	18 00		9 00		9 00	7 80	6 00
De Pere ²	1	36 00	24 00			18 00	12 00	24 00	18 00			9 00	7 80	6 00
Fau Claire ¹	1†	48 00	36 00	27 00		24 00	12 00	24 00	18 00			9 00	7 80	6 00
Elkhorn.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Fond du Lac ²	1†	42 00	30 00			24 00	12 00	24 00	18 00			9 00	7 80	6 00
Fort Atkinson.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Genoa Junction.....	1	48 00		24 00		24 00	12 00	36 00		18 00		9 00	7 80	6 00
Green Bay ²	1†	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Green Lake.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Hartford.....	1	30 00	24 00	18 00		15 00	12 00	18 00	15 00			9 00	7 80	6 00
Hartland.....	1	36 00	30 00			18 00	12 00	24 00				9 00	7 80	6 00
Horicon.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00

¹ Discount of 50 cents per month on 1 and 2 party residence phones. ² Discount of 50 cents per month on 1 and 2 party residence and business phones.³ Six party line. ⁴ Four party lines, code ringing, \$18.00.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908—Continued.
 Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	Radius from central within which effective. Miles.	BUSINESS.					RESIDENCE.							
		One party lines.	Two party lines.	Four party lines.	Eight party lines.	Reveling business lines.	Extension business tel.	One party lines.	Two party lines.	Four party lines.	Eight party lines.	Extension residence tel.	Extension residence desk tel. (no bell.)	Extension residence wall tel. (special.)
Hortonville.....	1	\$30 00		\$24 00		\$15 00	\$12 00	\$18 00		\$12 00		\$3 00	\$7 80	\$3 00
Hurley.....	1	33 00	\$30 00	24 00		18 00	12 00	24 00		15 00		9 00	7 80	6 00
Janesville.....	1	33 00	30 00	18 00		18 00	12 00	24 00		12 00		9 00	7 80	6 00
Jefferson.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Juneau.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Kaukauna.....	1	36 00	30 00			18 00	12 00	24 00	18 00			9 00	7 80	6 00
Kewaunee.....	1	36 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
La Crosse.....	1	36 00	30 00	24 00		18 00	12 00	24 00	21 00	18 00	\$12 00	9 00	7 80	6 00
Lake Geneva.....	1	42 00	33 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Lancaster.....	1	30 00	24 00			15 00	12 00	24 00	18 00	12 00		9 00	7 80	6 00
Lima Center.....	1	30 00	24 00			15 00	12 00	18 00	12 00			9 00	7 80	6 00
Madison.....	City limits	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Manitowish.....	1	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Marquette.....	2	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Mayville.....	1	30 00		24 00		15 00	12 00	18 00		12 00		9 00	7 80	6 00
Menomonie.....	1	42 00	30 00			21 00	12 00	24 00	18 00			9 00	7 80	6 00
Milwaukee.....	City limits.	98 00	72 00			21 00	12 00	42 00	36 00	30 00		9 00	7 80	6 00
Neenah-Menasha.....	1	48 00	36 00	27 00		24 00	12 00	36 00	30 00	24 00	12 00	9 00	7 80	6 00
New London.....	1	18 00		12 00			12 00	18 00		12 00		9 00	7 80	6 00
Oconomowoc.....	1	36 00	30 00			18 00	12 00	24 00	18 00	12 00		9 00	7 80	6 00
Oconto.....	1	30 00	24 00			15 00	12 00	18 00	15 00			9 00	7 80	6 00
Oconto Falls.....	1	30 00		24 00		15 00	12 00	18 00	12 00			9 00	7 80	6 00
Omro.....	1	30 00		24 00		15 00	12 00	18 00	12 00			9 00	7 80	6 00
Oshkosh.....	1	42 00	30 00			21 00	12 00	24 00	18 00	12 00		9 00	7 80	6 00
Peshigo.....	1	30 00		24 00		15 00	12 00	18 00	12 00	12 00		9 00	7 80	6 00

¹ 4 party business—\$18.00 on grounded circuit. ² Also within radius of 14 miles of center of North La Crosse. ³ Discount of 50 cents per month on 1 and 2 party residence and business phones.

Port Washington.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	15 00	12 00	.....	9 00	7 80	8 00
Princeton.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
Racine.....	1	42 00	30 00	18 00	.....	21 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	8 00
St. Marthas.....	1	24 00	.....	.....	.....	12 00	12 00	24 00	.....	12 00	.....	9 00	7 80	8 00
Shawano.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
Shullsburg.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
South Milwaukee.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	12 00	.....	.....	9 00	7 80	8 00
Stanley.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
Stevens Point.....	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	12 00	.....	9 00	7 80	8 00
Stoughton.....	1	30 00	24 00	.....	.....	15 00	12 00	18 00	12 00	.....	.....	9 00	7 80	8 00
Sturgeon Bay.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
Washburn.....	1	42 00	33 00	24 00	18 00	21 00	12 00	30 00	27 00	9 00	.....	9 00	7 80	8 00
Watertown.....	1	42 00	30 00	24 00	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	8 00
Waukesha.....	1	42 00	30 00	.....	.....	21 00	12 00	24 00	18 00	.....	.....	9 00	7 80	8 00
Waupun ¹	1	12 00	.....	.....	.....	.....	12 00	12 00	12 00	.....	.....	9 00	7 80	8 00
West Bend.....	1	30 00	24 00	18 00	.....	15 00	12 00	18 00	15 00	.....	.....	9 00	7 80	8 00
Whitewater.....	1	30 00	.....	24 00	.....	15 00	12 00	18 00	.....	12 00	.....	9 00	7 80	8 00
Winneconne.....	1	12 00	.....	.....	.....	.....	12 00	12 00	.....	.....	.....	9 00	7 80	8 00

¹ 1 party business and residence lines on grounded circuit.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.—Continued.
Wisconsin Telephone Co. only.

LOCATION OF EXCHANGE.	PRIVATE BRANCH EXCHANGE TYPE NO. 1. (With operator.)				PRIVATE BRANCH EXCHANGE TYPE NO. 2. (No operator.)					
	Switch-board operator's power.	Talking trunk lines.	Receiving trunk lines.	Each sta. in same building as switch-board.	Each sta. outside of building within 1 mile of switchb'd.	Talking trunk lines.	Receiving trunk lines.	Each sta. in same building as main telephone switchb'd.	Each sta. outside of building within 300 feet of switchb'd.	Power.
Algoma.....	\$50 00	\$30 00	\$24 00	\$12 00	\$18 00	\$30 00	\$24 00	\$18 00	\$27 00	\$20 00
Appleton.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Ashland.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Bayfield.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Beaver Dam.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Brookfield.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Burlington.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Burnett Junction.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Cedarburg.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Chippewa Falls.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Columbus.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Corliss.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Darlington.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Delavan.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
DePere.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Eau Claire ¹	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Elkhorn.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Fond du Lac.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Fort Atkinson.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Genoa Junction ²	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Green Bay.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Green Lake.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hartford ³	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hartland.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Horicon.....	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00

¹ \$30.00 for a 4 party rural business line.² \$36.00 for a 4 party rural business line.³ \$18.00 for business station on rural line.

Hortonville.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Hurley.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Janesville.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Jefferson.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Juneau.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Kaukauna.....	15 00	50 00	70 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Kewaunee.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
La Crosse.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lake Geneva.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lancaster.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Lima Center.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Madison.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Manitowish.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Marquette.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Mayville.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Menomonie.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Milwaukee.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Neenah-Menasha.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
New London.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconomowoc.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconto.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oconto Falls.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Omro.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Oshkosh.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Peshigo.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Port Washington.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Princeton.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Racine.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
St. Martins.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Shawano.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Shullsburg.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
South Milwaukee.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stanley.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stevens Point.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Stoughton.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Sturgeon Bay.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Washington.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Watertown.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Waukesha.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Waupun.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
West Bend.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Whitewater.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00
Winnebago.....	15 00	50 00	30 00	24 00	12 00	18 00	30 00	24 00	18 00	27 00	20 00

*\$18.00 for a business station on rural line.

TABLE I.—EXCHANGE TELEPHONE RATES, JUNE 30, 1908.—Concluded.

Wisconsin Telephone Co. only.

ALL WISCONSIN EXCHANGES.

HOTEL SYSTEM:	
Trunk lines.....	Free.
Power.....	"
Switchboard.....	"
Incoming calls.....	"
Each station on hotel premises.....	\$3 60 per annum.
Outgoing messages 5 cts. each, of which proprietor receives 50% and the Telephone Company 50%.	
In addition to the above the hotel proprietor provides the wire between the switchboard and the stations on the premises.	
JOINT SUBSCRIBERS.....	\$12 00
EXTRA LISTING:	
(Applies to state exchanges outside of Milwaukee)	
Member same firm, same business, 25 cts. a month.	
Any individual residing at a residence, 25 cts. a month.	
SPRING JACKS:	
Actual cost of installing and annual maintenance of \$1 00 for not more than four jacks; \$1 50 for not more than seven jacks and \$2 00 for not more than ten jacks.	
PRIVATE LINES:	
Per mile (line only).....	\$24 00
Each station on line.....	5 00
MISCELLANEOUS EXTRA EQUIPMENT:	
Ordinary extension bell.....	\$1 80
Extension bell with switch.....	3 00
Extension bell with switch and four inch gong.....	4 20
Extension bell with switch and six inch gong.....	6 00
Cam Lever switch.....	3 00
Each additional switch.....	1 80

* * *

PROGRESSIVE SCHEDULE OF CHARGES FOR EXCESS LINE BEYOND THE RADIUS OF EXCHANGES.

Distance beyond exchange radius.	Annual rate for each quarter mile beyond exchange radius.	
	One party line.	Four party line.
1st quarter mile.....	\$6 00	\$1 50
2nd " ".....	12 00	3 00
3rd " ".....	18 00	4 50
4th " ".....	24 00	6 00
5th " ".....	31 50	7 88
6th " ".....	39 00	9 75
7th " ".....	46 50	11 63
8th " ".....	54 00	13 50
9th " ".....	63 00	15 75
10th " ".....	72 00	18 00
11th " ".....	81 00	20 25
12th " ".....	90 00	22 50
13th " ".....	100 50	25 13
14th " ".....	111 00	27 75
15th " ".....	121 50	30 38
16th " ".....	132 00	33 00
17th " ".....	144 00	36 00
18th " ".....	156 00	39 00
19th " ".....	168 00	42 00
20th " ".....	180 00	45 00

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.	Other kinds.
Abbotsford	Abbotsford Elec. Light & Tel. Co.	Bell.	\$1 50						
Abrams	Robert C. Paulds.	Bell.	2 00						
Adney	Elmwood Farmers Tel. Co.	Ind.							
Albany	United Tel. Co.	Bell.	1 50						
Alboma	Farmers Lake Shore Tel., Traction & El. P. Co.	Bell.							
Albion	Allenton-Addison Tel. Co.	Bell.	1 00	\$1 00			\$1 00		
Albion	Allenton-Rohlsville Tel. Co.	Bell.	2 00				1 00		
Alma	Powhatan City Tel. Co.	Ind.	1 25						
Alma	Tenney Tel. Co.	Bell.	2 00						
Alma Center	Central Wisconsin Tel. Co.	Bell.							
Almena	Barron County Tel. Co.	Bell.	1 00	1 00			1 00		
Almond	Almond Tel. Co.	Ind.	1 50						
Amery	Amery Electric Tel. Co.	Ind.	1 00						
Amherst	Amherst Tel. Co.	Ind.	2 50						
Antigo	Antigo Tel. Co.	Bell.							
Appleton	Fox River Valley Tel. & Teleg. Co.	Ind.	2 50	2 25					\$1 00
Arcadia	Western Wisconsin Tel. Co.	Ind.	2 08						
Arlington	Poynette Tel. Co.	Bell.	1 00						
Argyle	Argyle Tel. Co.	Ind.	1 50						
Arkansas	Arkansas Tel. Co.	Ind.	1 00	1 00					
Ashland	Ashland Home Tel. Co.	Ind.	2 50	2 00					
Athens	Athens Tel. Co.	Ind.	1 50						
Augusta	J. L. Ball Tel. Co.	Bell.	1 25	\$1 75					
Avoca	Avoca & Muscoda Farmers Tel. Co.	Ind.	1 50						
Baldwin	Baldwin Tel. Exc.	Bell.	1 50						
Bancroft	Union Tel. Co.	Bell.							
Bangor	Bangor Tel. Co.	Ind.	1 00						
Baraboo	Baraboo Tel. Co.	Bell.	2 00						
Barre Mills	La Crosse Interurban Tel. Co.	Ind.							
Barron	Barron County Tel. Co.	Bell.	1 25						

¹ 15 party line.² A rate of \$1.25 is also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.
Beetown.....	Farmers Tel. Co. of Beetown.....	Ind.....	.....	.....	.....	.....	.....	.....
Belleville.....	Belleville Tel. Co.....	Ind.....	\$1 50	.....	.....	.....	.....	.....
Bellevue.....	Brown County Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....
Beloit.....	Beloit Home Tel. Co.....	Bell.....	3 50	\$3 00	.....	.....	.....	.....
Beloit.....	Beloit Farm Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....
Bennett Switch.....	Almond Tel. Co.....	Ind.....	1 00	1 00	.....	.....	.....	.....
Benton.....	Farmers Tel. Co. of Beetown.....	Ind.....	.....	.....	.....	.....	.....	.....
Berlin.....	Waukegan Tel. Co.....	Bell.....	3 00	\$2 50	.....	\$1 50	.....	.....
Big Bend.....	Prospect, Guthrie & Big Bend Tel. Co.....	Bell.....	.....	.....	.....	.....	.....	.....
Big Flats.....	Kilbourn-Friendship Tel. Co.....	Bell.....	.....	.....	.....	.....	.....	.....
Birchwood.....	Barron County Tel. Co.....	Bell.....	.....	.....	.....	.....	.....	.....
Biramwood.....	Biramwood Tel. Co.....	Bell.....	1 50	.....	.....	1 25	.....	.....
Black Earth.....	Black Earth Tel. Co.....	Ind.....	1 25	.....	.....	.....	.....	.....
Black River Falls.....	Central Wis. Tel. Co.....	Bell.....	2 00	.....	.....	.....	.....	.....
Blaine.....	Almond Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....
Blair.....	Central Wis. Tel. Co.....	Bell.....	2 00	.....	.....	.....	.....	.....
Blair.....	Western Wis. Tel. Co.....	Ind.....	\$2 00	.....	.....	.....	.....	.....
Blanchardville.....	United Tel. Co.....	Bell.....	1 50	.....	.....	.....	.....	.....
Bloomer.....	Bloomer Tel. Co.....	Ind.....	1 50	.....	\$1 25	.....	.....	.....
Bloomington.....	Farmers Tel. Co. of Beetown.....	Ind.....	.....	.....	.....	.....	.....	.....
Rosobel ¹	Rosobel Tel. Co.....	Bell.....	1 50	1 50	1 00	.....	1 50	1 50
Royceville.....	Knapp Tel. Co.....	Bell.....	2 00	.....	.....	.....	.....	.....
Royd.....	Cadott Tel. Co.....	Ind.....	1 00	.....	.....	.....	.....	.....
Briggsville.....	Briggsville & Big Springs Tel. Co.....	Ind.....	1 25	85	.....	.....	.....	.....
Brillion.....	Eastern Wis. Tel. Co.....	Bell.....	\$1 50	.....	.....	.....	.....	.....
Bristol.....	Bristol Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....
Brodhead.....	Brodhead Tel. Co.....	Ind.....	1 50	.....	.....	.....	.....	.....
Brooklyn.....	Brooklyn Tel. Co.....	Ind.....	1 50	.....	.....	.....	.....	.....
Burkhardt.....	Hudson Prairie Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....
Butternut.....	Glidden Tel. Co.....	Ind.....	1 50	.....	.....	.....	.....	.....

¹ Rate given is for metallic circuit; grounded circuit, \$2.00.
² 15 party line.³ Rate given is for metallic circuit; grounded circuit, \$1.75.
⁴ A rate of \$1.25 is also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-lessee of or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
			One party.	Two party.	Bus. and Res.	Three party.	Four party.	Six party.	Other kinds.
Dausman.....	Eagle Tel. Co.....	Bel.....	\$2 00	\$1 75	.....	.....	\$1 50	.....	\$1 25
Deerfield.....	Deerfield Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....	.....
De Forest.....	Columbia County Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....	.....
De Forest.....	Porquette Tel. Co.....	Bel.....	1 00	.....	.....	.....	.....	.....	.....
Delavan.....	Walworth County Tel. Co.....	Ind.....	2 00	.....	.....	.....	.....	.....	.....
De Pere.....	Fox River Valley Tel. & Teleg. Co.....	Ind.....	2 50	2 00	.....	.....	.....	.....	.....
Dodgeville.....	New Union Tel. Co.....	Bel.....	1 50	.....	.....	.....	.....	.....	.....
Dorchester.....	Lapp & Sturmer.....	Bel.....	1 50	.....	.....	.....	.....	.....	.....
Dotyville.....	Eastern Fond du Lac County Tel. Co.....	Bel.....	.....	.....	.....	.....	.....	.....	.....
Downing.....	Knapp Tel. Co.....	Bel.....	2 08	.....	.....	.....	.....	.....	* 1 25
Durand.....	Durand Light & Power Co.....	Bel.....	2 00	1 50	.....	.....	1 50	.....	.....
Eagle.....	Eagle Tel. Co.....	Bel.....	2 00	1 75	.....	.....	1 50	.....	1 25
Eagle Point.....	Chippewa County Tel. Co.....	Ind.....	.....	.....	.....	.....	.....	.....	.....
Earl.....	Earl Tel. Co.....	Bel.....	1 00	.....	.....	.....	.....	.....	.....
Easton.....	Kilbourn & Friendship Tel. Co.....	Bel.....	1 00	1 00	.....	.....	.....	.....	.....
East Troy.....	Eagle Tel. Co.....	Bel.....	2 00	1 75	.....	.....	1 50	.....	1 25
Eau Claire.....	Eau Claire County Tel. Co.....	Bel.....	2 00	.....	.....	.....	.....	\$1 50	.....
Eau Galle.....	Eau Galle Tel. Co. ¹	Ind.....	2 00	.....	.....	.....	.....	.....	.....
Eden.....	Eastern Fond du Lac County Tel. Co.....	Bel.....	.....	.....	.....	.....	.....	.....	.....
Edgar.....	Edgar Tel. Co.....	Bel.....	1 50	.....	.....	.....	.....	.....	.....
Edgerton.....	Edgerton Tel. Co.....	Bel.....	2 00	.....	.....	.....	.....	.....	.....
Eland Junction.....	Hatley Tel. Co.....	Bel.....	1 25	.....	\$1 25	.....	.....	.....	.....
Eleva.....	Osseo Tel. Co.....	Bel.....	2 00	.....	.....	.....	.....	.....	.....
Elkhart Lake.....	Eastern Wis. Tel. Co.....	Bel.....	* 1 08	.....	.....	.....	.....	.....	.....
Elkhorn.....	F. W. Lean.....	Bel.....	.....	.....	.....	.....	.....	.....	.....
Elkhorn.....	State Long Distance Tel. Co.....	Ind.....	2 00	.....	.....	.....	.....	.....	.....
Ellsworth.....	Pierce County Tel. Co.....	Ind.....	* 2 50	.....	.....	.....	.....	.....	* 2 50
Elmwood.....	Highland Tel. Co. ²	Ind.....	* 1 25	.....	.....	.....	.....	.....	* 1 25
Elroy.....	Elroy Tel. Co.....	Bel.....	1 50	.....	.....	.....	.....	.....	.....

¹ Stockholders 25 to 75 cts.² Rate of \$1.00 also quoted.³ A rate of \$1.25 also quoted.⁴ Free to stockholders.⁵ Rates quoted \$1.00 to \$2.50.

Embarass.....	Matteson Tel. Co.....	Bell.....	1 00						
Etrick.....	Etrick Tel. Co.....	Ind.....	1 25						
Etrick.....	Western Wis. Tel. Co.....	Ind.....	2 00	1 04					
Evansville.....	Evansville Tel. Exc.....	Bell.....	2 00	1 50					
Fairchild.....	Central Wis. Tel. Co.....	Bell.....							\$ 1 00
Fairchild.....	N. C. Foster Lumber Co.....	Ind.....	1 00						
Fairchild.....	Shiocton Tel. Co.....	Bell.....							
Fairwater P. O.....	Green Lake Tel. Co.....	Bell.....	1 00	1 00					
Fall Creek.....	Ludington Tel. Co.....	Bell.....	1 00						
Fall River.....	Peoples' Tel. Co.....	Bell.....	1 00						
Fennimore.....	Fennimore Tel. Co.....	Bell.....	1 50						
Ffield.....	J. E. Feeley.....	Bell.....	1 50						
Florence.....	Mich. State Tel. Co.....	Bell.....	2 00	1 75					\$ 3 00
Fond du Lac Town.....	Woodhull Tel. Co.....	Bell.....	1 00						
Footville.....	Footville Tel. Co.....	Ind.....	1 00						
Forestville.....	Algoma Farmers' Tel. Co.....	Bell.....							
Fort Atkinson.....	Jefferson Tel. Co.....	Bell.....	1 75						
Fountain City.....	Fountain City Tel. Co.....	Bell.....	2 00						
Fox Lake.....	Peoples' Tel. Co.....	Bell.....	1 00						
Frederick.....	Tri-State Tel. Co.....	Ind.....	1 50	1 00					
Freistadt.....	Freistadt-Cedarburg Tel. Co.....	Bell.....							
Fremont.....	Fremont Tel. Co.....	Bell.....							
Friendship.....	Kilbourn-Friendship Tel. Co.....	Bell.....							
Galesville.....	Western Wis. Tel. Co.....	Ind.....	1 25						\$ 1 00
Gardner.....	Sturgeon Bay & Gardner Tel. Co.....	Bell.....	2 25						
Genesee Depot.....	Eagle Tel. Co.....	Bell.....	2 00	1 75			1 50		1 25
Glenhaven.....	Farmers' Tel. Co. of Beetown.....	Ind.....	1 50	1 50					
Glenwood.....	West Wis. Tel. Co.....	Bell.....	1 50						
Gladwin.....	Glidden Tel. Co.....	Ind.....							
Gotham.....	Lone Rock Tel. Co.....	Ind.....					1 00		\$ 1 00
Grafton.....	Grafton Tel. Co.....	Bell.....	1 50						
Grand Rapids R. F. D.....	Cranmoor Tel. Co.....	Ind.....							
Grand Rapids.....	Wood County Tel. Co.....	Bell.....	3 00						
Granton.....	Badger State Tel. & Teleg. Co.....	Bell.....	3 00						
Grantsburg.....	Tri-State Tel. Co.....	Ind.....	2 00	1 50					
Gratlot.....	Lafayette Tel. Co.....	Ind.....							
Green Bay.....	Fox River Valley Tel. & Teleg. Co.....	Ind.....	2 50	2 00					
Greenbush.....	Hulls Crossing Farmers Tel. Co.....	Bell.....							
Greenwood.....	Greenwood Tel. Co.....	Ind.....	2 00						
Hammond.....	Hammond Tel. Co.....	Ind.....	50						

¹ Rate of \$1.04 also quoted.

² Net Rural \$1.25

³ Rate of \$2.00 also quoted.

⁴ Rate of \$1.50 also quoted.

⁵ 15 party line.

⁶ 8 party line.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL, 1, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.
Hancock.....	Union Tel. Co.....	Bell.....	\$0.83 ¹					
Hartsville.....	Westfield Farmers Tel. Co.....	Bell.....	1.25					
Hatley.....	Hatley Tel. Co.....	Bell.....	4.00		\$1.25			
Hebron, Ill.....	Farmers New Era Tel. Co.....	Bell.....	1.00		1.00			
Highland.....	Individual Tel. Co.....	Ind.....		\$1.00		\$1.00		
Highland.....	New Union Tel. Co.....	Bell.....	1.50		1.00			
Hilbert.....	Eastern Wis. Tel. Co.....	Bell.....	1.50					
Hilbert.....	Stockbridge & Sherwood Tel. Co.....	Bell.....	1.50					
Hillsboro.....	Hillsboro Tel. Co.....	Bell.....	2.00					
Hinton.....	Central Wis. Tel. Co.....	Bell.....						
Holcombe.....	Chippewa County Tel. Co.....	Ind.....	1.00					
Hollandale.....	Barnesville & Hollandale Tel. Line.....	Ind.....						
Hollandale.....	Hollandale Tel. Co.....	Ind.....						
Hubertus.....	Richfield, Hubertus & Holy Hill Tel. Co.....	Bell.....	3.00	2.50				
Hudson.....	Northwestern Tel. Exc. Co.....	Bell.....						
Humbird.....	Central Wis. Tel. Co.....	Bell.....	2.00					
Huron.....	Yellow River Tel. Co.....	Ind.....						
Hurricane.....	Farmers Tel. Co. of Beetown.....	Ind.....						
Hustisford.....	Eureka Tel. Co.....	Bell.....	1.65					
Independence.....	Western Wis. Tel. Co.....	Ind.....	1.25					
Iola.....	Scandinavia Tel. Co.....	Bell.....	2.00					
Iron River.....	Iron River Water, Light & Power Co.....	Bell.....	1.00					
Ironton.....	Peoples Tel. Co.....	Ind.....	1.00					
Ithaca.....	Peoples Tel. Co.....	Ind.....	1.00					
Jackson.....	Jackson Tel. Co.....	Bell.....						
Janesville.....	Rock County Tel. Co.....	Ind.....	\$3.00	2.00				
Jim Falls.....	Chippewa County Tel. Co.....	Ind.....						
Jimtown.....	Elmwood Farmers Tel. Co.....	Ind.....						
Juda.....	Jefferson Tel. Co.....	Bell.....	1.10				1.10	
Keene.....	Union Tel. Co.....	Bell.....						

¹ A rate of \$1.25 also quoted.² 8 party line.³ 15 party line.⁴ A rate of \$2.50 also quoted.

Kendalls.....	Elroy Tel. Co.....	Bell.....	1 50	.....	.....	.....	.....	.....	.....
Kenosha.....	Kenosha Home Tel. Co.....	Bell.....	3 50	2 50	75	75	75	75	75
Kewaskum.....	Theresa Union Tel. Co.....	Bell.....	1 00	75	75	75	75	75	75
Kewaunee.....	Louis Meyers.....	Bell.....	1 50	1 25	1 00	1 00	1 00	1 00	1 00
Kiel.....	Eastern Wis. Tel. Co.....	Bell.....	1 50	1 25	1 00	1 00	1 00	1 00	1 00
Kilbourn.....	Farmers Inter-County Mutual Tel. Co. ¹	Bell.....	1 00	1 00	1 00	1 00	1 00	1 00	1 00
Kinston.....	Kingston Tel. Co.....	Ind.....	.....	1 00	1 00	1 00	1 00	1 00	1 00
Kliewerville.....	Pine Bluff Tel. Co.....	Ind.....	.....	1 00	1 00	1 00	1 00	1 00	1 00
Knapp.....	Knapp Tel. Co.....	Bell.....	2 08	2 00	1 50	1 50	1 50	1 50	1 50
La Crosse.....	Interstate Tel. Co.....	Ind.....	2 50	2 00	1 50	1 50	1 50	1 50	1 50
La Crosse.....	La Crosse Tel. Co.....	Ind.....	3 00	2 50	2 00	2 00	2 00	2 00	2 00
La Crosse.....	La Crosse Interurban Tel. Co.....	Ind.....	.....	2 50	2 00	2 00	2 00	2 00	2 00
La Crosse.....	Smith-Coulee Tel. Co.....	Bell.....	1 00	1 00	1 00	1 00	1 00	1 00	1 00
La Farge.....	La Farge Tel. Co.....	Bell.....	2 00	1 75	1 50	1 50	1 50	1 50	1 50
La Grange.....	Eagle Tel. Co.....	Bell.....	2 00	1 75	1 50	1 50	1 50	1 50	1 50
Lamartine, Town.....	Woodhull Tel. Co.....	Bell.....	1 25	1 25	1 25	1 25	1 25	1 25	1 25
Lake Mills.....	Interurban Tel. Co.....	Ind.....	1 25	1 25	1 25	1 25	1 25	1 25	1 25
Lambert.....	Reynolds & Lambert Tel. Co.....	Bell.....	1 25	1 25	1 25	1 25	1 25	1 25	1 25
Lancaster.....	Farmers Tel. Co. of Beetown.....	Ind.....	1 25	1 25	1 25	1 25	1 25	1 25	1 25
Larabee.....	Larabee Tel. Co.....	Bell.....	1 00	1 00	1 00	1 00	1 00	1 00	1 00
La Valle.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Leeds, Town.....	Columbia County Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Lena.....	Farmers & Merchants Tel. Co.....	Bell.....	1 00	for all	phones	for all	phones	for all	phones
Lime Ridge.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Lincoln, Town.....	Dr. F. L. Wood.....	Bell.....	1 00	for all	phones	for all	phones	for all	phones
Livingston.....	Grant County Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Lodi.....	Lodi Tel. Co.....	Bell.....	1 00	for all	phones	for all	phones	for all	phones
Logansville.....	Logansville Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Lomira.....	Peoples Union Tel. Co.....	Bell.....	1 00	for all	phones	for all	phones	for all	phones
Lone Rock.....	Lone Rock Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Loyal.....	York Center Tel. Co.....	Ind.....	1 50	for all	phones	for all	phones	for all	phones
Loyal.....	Loyal Tel. Co.....	Ind.....	1 50	for all	phones	for all	phones	for all	phones
Loyd.....	Peoples Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Luck.....	Tri-State Tel. Co.....	Ind.....	1 00	for all	phones	for all	phones	for all	phones
Luxemburg.....	Luxemburg Tel. Co.....	Bell.....	2 25	2 25	2 25	2 25	2 25	2 25	2 25
Madison.....	Dane County Rural Tel. Co.....	Ind.....	2 75	2 00	1 50	1 50	1 50	1 50	1 50
Madison.....	Dane County Tel. Co.....	Ind.....	2 75	2 00	1 50	1 50	1 50	1 50	1 50
Malden Rock.....	Peplin Tel. Co.....	Bell.....	1 50	1 50	1 50	1 50	1 50	1 50	1 50
Manitowoc.....	Manitowoc & Northern Tel. Co.....	Ind.....	1 50	1 50	1 50	1 50	1 50	1 50	1 50

* A rate of \$1.50 also quoted.

* A rate of \$1.25 also quoted.

* A rate of \$3.50 also quoted.

* Reduced rate to stockholders.

* 8 party line.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.		NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.						
				One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.	Other kinds.
Manawa.....		Manawa Tel. Co.....	Ind.....	\$1 50						
Mapleton.....		Badger Tel. Co.....	Bell.....							
Marathon.....		Marathon City Tel. Co.....	Ind.....	1 50	\$1 50					
Marion.....		Marion & Northern Tel. Co.....	Bell.....	2 00	1 50	\$2 25				
Markesan.....		Markesan Tel. Co.....	Bell.....							
Marshfield.....		Marshfield Tel. Exc.....	Bell.....	2 50	2 00					
Mauston.....		Mauston Elec. Service Co.....	Bell.....	1 50						
Mazomanie.....		Mazomanie Tel. Co.....	Bell.....	1 25						
McFarland.....		Peoples Tel. Co. of Dane County.....	Bell.....	1 00						
Medford.....		Medford Tel. Exc.....	Ind.....	2 00		2 50				\$1 50
Mellen.....		Ashland Home Tel. Co.....	Ind.....	2 00						
Melrose.....		Central Wis. Tel. Co.....	Bell.....	2 00						
Menomonie Falls.....		Menomonie Falls Tel. Co.....	Bell.....	1 10						
Mequon.....		Mequon Tel. Co.....	Bell.....		2 50					
Merrill.....		Merrill Tel. Co.....	Bell.....	3 00						
Merrillan.....		Central Wis. Tel. Co.....	Bell.....	2 00	1 00			\$1 00	\$1 00	1 00
Merton.....		Merton Tel. Co.....	Bell.....	1 50				1 00		
Middleton.....		Pine Bluff Tel. Co.....	Ind.....							
Milton.....		Milton & Milton Jct. Tel. Co.....	Ind.....							
Mineral Point.....		Mineral Point Tel. Co.....	Bell.....	2 00		1 25				
Mishicot.....		Larabee Tel. Co.....	Bell.....							
Mondovi.....		Mondovi Tel. Co.....	Bell.....	2 08						
Monroe.....		Monroe Tel. Co.....	Bell.....	2 50						
Montello.....		Manitowish Tel. Co.....	Bell.....	1 00	1 00			1 00		
Montfort.....		Individual Tel. Co.....	Ind.....	1 00	for all phones					
Monticello.....		United Tel. Co.....	Bell.....	1 50						
Mt. Horeb.....		Mt. Horeb Tel. Co.....	Bell.....	1 50	1 00					
Mt. Vernon.....		Mt. Vernon Tel. Co.....	Ind.....	1 50						
Mosinee.....		Mosinee Tel. Co.....	Ind.....							
Mukwonago.....		Farlie Tel. Co.....	Bell.....	2 00	1 75			1 50		1 50

A rate of \$2.50 also quoted

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					
			One party.	Two party.	Bus. and Res.	Three party.	Four party.	Six party.
Phillips.....	Price County Tel. Co.....	Bell.....	\$2 00					\$1 25
Pickets.....	Ultra Tel. Co.....	Bell.....	1 00					
Pigeon Falls.....	Western Wis. Tel. Co.....	Ind.....	1 25	\$1 00				1 00
Pine Bluff.....	Pine Bluff Tel. Co.....	Ind.....						
Pittsfield.....	Telephone Toll Line.....	Bell.....	2 00					
Plain.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25				
Plainfield.....	Union Tel. Co.....	Bell.....						
Plainville.....	Kilbourn-Friendship Tel. Co.....	Bell.....						
Platteville.....	Platteville, Rowley & Ellenboro Tel. Co.....	Bell.....	1 00					
Pleasant Springs.....	Kegonsa Independent Tel. Co.....	Ind.....						
Plum City.....	Pedlin Tel. Co.....	Bell.....	1 00					
Plymouth.....	Plymouth Tel. Co.....	Bell.....	1 75	1 50				
Portage.....	Portage Tel. Co.....	Bell.....	2 00	1 50				
Port Washington.....	Port Washington Tel. Co.....	Bell.....	3 50					
Port Wing.....	Port Wing Tel. Co.....	Ind.....						1 50
Potosi.....	Farmers Tel. Co. of Beetown.....	Ind.....						
Poynette.....	Poynette Tel. Co.....	Bell.....	1 00					
Prairie du Chien.....	Union Tel. Co.....	Bell.....	1 50					
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25				
Prairie Farm.....	Prairie Farm, Ridgeland & Dallas Tel. Co.....	Ind.....						
Prairie Farm.....	Barron County Tel. Co.....	Bell.....				\$1 25		
Racine.....	Citizens Tel. Co.....	Ind.....	2 50	2 00		\$1 50		
Randolph.....	Peoples Tel. Co.....	Ind.....	1 00					
Random Lake.....	Random Lake Tel. Co.....	Bell.....	1 83 ¹	83 ¹				
Rathburn.....	Rathburn Tel. Lines.....	Bell.....						
Reedsburg.....	Reedsburg Tel. Co.....	Bell.....	2 25	1 00				
Reeseville.....	Manitowoc & Western Tel. Co.....	Bell.....						
Reeseville.....	Dodge County Tel. Co.....	Bell.....	1 00					
Reynolds.....	Reynolds & Lambert Tel. Co.....	Bell.....						
Rhineland.....	Rhineland Mutual Tel. Co.....	Bell.....	2 50	2 25		1 75		

¹ Rates quoted 50cts. to \$1.25.

¹ 15 party line.

Rib Lake.....	Rib Lake Tel. Co.....	Bell.....	2 00						
Rice Lake.....	Barron County Tel. Co.....	Bell.....	1 40						
Richford.....	Coloma Tel. Co.....	Bell.....	1 834						
Richland Center.....	Farmers Tel. Exc. Co.....	Bell.....	1 50						
Richmond, Ill.....	Farmers New Era Tel. Co.....	Bell.....	4 00	1 124	\$1 00	1 00	2 00	\$2 00	
Ridgeland.....	Prairie Farm, Ridgeland & Dallas Tel. Co.....	Ind.....							
Riley.....	Pine Bluff Tel. Co.....	Bell.....							
Ring.....	Utica Tel. Co.....	Bell.....	1 00	1 00					
Rio.....	Peoples Tel. Co.....	Bell.....	2 00	1 75	1 50	1 50	1 50	1 50	1 50
Ripon.....	Ripon Tel. Co.....	Bell.....							
Ripon.....	Ripon Rural Tel. Co.....	Bell.....	1 25	for all	phones				
River Falls.....	Pierce County Tel. Co.....	Ind.....	12 50						
Roberts.....	Pierce County Tel. Co.....	Ind.....							
Rochester.....	Burlington, Rochester, Kansasville Tel. Co.....	Bell.....							
Rood.....	Rudd & Rood Tel. Line.....	Ind.....							1 25
Rudd.....	Rudd & Rood Tel. Line.....	Ind.....							
Saint Croix Falls.....	St. Croix Valley Tel. Co.....	Ind.....							
Scandinavia.....	Scandinavia Tel. Co.....	Bell.....							2 00
Schellsburg.....	Cedar Lake Tel. Co.....	Ind.....					1 00		1 00
Schellsburgville.....	Washington County Tel. Co.....	Ind.....							
Seymour.....	Shiocton Tel. Co.....	Bell.....	2 00	1 50		1 50			
Sharon.....	Sharon Tel. Co.....	Ind.....	1 50						
Shawano.....	Town Line Farmers Ind. Tel. Ass'n.....	Ind.....							
Sheboygan.....	Citizens Tel. Exc.....	Bell.....	3 50	2 50					
Sheboygan Falls.....	Citizens Tel. Exc.....	Bell.....	2 50	2 00					
Shell Lake.....	Shell Lake Tel. Exc.....	Bell.....	1 50	1 50					
Sheridan.....	Citizens Tel. Exc.....	Bell.....							
Sherwood.....	Stockbridge & Sherwood Tel. Co.....	Bell.....							
Shields.....	Shields Tel. Co.....	Bell.....							
Shiocton.....	Shiocton Tel. Co.....	Bell.....	2 00	1 25		1 50			
Shullsburg.....	White Oak Tel. Co.....	Ind.....	1 00	1 00	1 00	1 00			
Sobieski.....	Oconto County Tel. Co.....	Ind.....	2 00						
Soldiers Grove.....	La Crosse Interurban Tel. Co.....	Ind.....	1 00		75				
Soldiers Grove.....	Utica Farmers Tel. Co.....	Bell.....							
Somers.....	Somers Tel. Co.....	Ind.....							
South Wayne.....	South Wayne Tel. Co.....	Ind.....	1 50						
Sparta.....	Monroe County Tel. Co.....	Bell.....	2 25						
Spooner.....	Spooner Tel. Co.....	Ind.....	1 50						
Spooner.....	Washburn County Farmers Tel. Co.....	Ind.....							
Spring Green.....	Troy & Honey Creek Tel. Co.....	Bell.....	1 25	1 25					

2 5 party line.

1 Rate of \$1.00 also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	Sub-licensee of Bell Tel. Co. or Independent.	MONTHLY CHARGE FOR BUSINESS TELEPHONES ON SPECIFIED CIRCUITS.					
			One party.	Two party.	Bus. and res.	Three party.	Four party.	Six party.
Spring Valley.....	Pierce County Tel. Co.....	Ind.....	1.50					
Stoughtonville.....	Hreckle Tel. Co.....	Bell.....	1.25		\$1.75			
Stockbridge.....	Stockbridge & Sherwood Tel. Co.....	Bell.....						
Stratford.....	Stratford Tel. Co.....	Bell.....	2.00					
Sturgeon Bay.....	Sturgeon Tel. Co.....	Bell.....						
Sturgeon Bay.....	Sturgeon Bay & Gardner Tel. Co.....	Bell.....	2.25					
Sullivan.....	Sullivan Tel. Co.....	Bell.....	1.25					
Sun Prairie.....	Interurban Tel. Co.....	Ind.....	1.25	\$1.25				
Superior.....	Douglas County Tel. Co.....	Ind.....	3.00	2.50			43.75 2.00	
Superior.....	Peoples Tel. Co.....	Ind.....						
Taylor.....	Central Wis. Tel. Co.....	Bell.....	2.00					
Theresa.....	Theresa Union Tel. Co.....	Bell.....		1.00		75	75	40.75
Thomsonville.....	Franksville Tel. Co.....	Bell.....	1.50					
Thorp.....	Thorp Tel. Co.....	Bell.....	1.50					
Tigerton.....	Marion & Northern Tel. Co.....	Bell.....						
Tomah.....	Tomah Electric & Tel. Co.....	Bell.....	1.50		1.25			
Tomahawk.....	Electric, Water & Tel. Co.....	Bell.....	2.00	2.00				
Troutman.....	Western Wis. Tel. Co.....	Ind.....	1.50					
Turtle Lake.....	City Tel. Co.....	Bell.....	1.50	1.50				1.25
Turtle Lake.....	Frank E. Fisk Tel. Co.....	Ind.....	1.50	1.50				
Two Rivers.....	Two Rivers Tel. Co.....	Bell.....	2.00	1.75				
Union Grove.....	Union Grove Tel. Co.....	Bell.....						
Viola.....	La Crosse Interurban Tel. Co.....	Ind.....	1.00		75			
Viroqua.....	Viroqua Tel. Co.....	Ind.....	1.75	1.50			1.25	
Walworth.....	Walworth Tel. Exc. Co.....	Bell.....	3.50					
Warrens.....	Warrens Land Co.....	Ind.....	1.00					
Washington.....	Bayfield County Tel. Co.....	Ind.....	2.00	1.50				
Waterloo.....	Interurban Tel. Co.....	Ind.....	1.25	1.25				
Wausau.....	Wausau Tel. Co.....	Ind.....	1.00	1.00				
Wausau.....	Wausau Tel. Co.....	Ind.....	1.00	1.00				
Waupaca.....	Citizens Tel. Exc.....	Bell.....	2.00	1.50				

¹ Rates quoted \$1.00 to \$2.50.² A rate of \$1.86 also quoted.³ A rate of \$1.00 also quoted.
⁴ 5 party line.⁵ A rate of \$2.06 also quoted.
⁶ 15 party line.

REPORT OF THE RAILROAD COMMISSION.

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18 party line.		2 A rate of \$1.50 also quoted.		3 15 party line.		4 4 or more phones.	
Waupaca.....	Rural Tel. Co.....	2 00	1 50	3 00	1 25	1 00	
Wausau.....	Wausau Citizens Tel. Exc.	3 00	1 50	1 25		1 00	
Wausau Tel. Co.....	Wausau Tel. Co.....	1 50	1 50				
Wausaukee.....	Amberg Tel. & Teleg. Co.....	1 50	1 50				
Wausaukee	Wausaukee Tel. Co.....	1 50	1 50				
Wautoma.....	Wautoma Tel. Co.....	2 50	2 00	1 00			
Wetome.....	Matteson Tel. Co.....	1 00					
Westby.....	Westby Tel. Co.....	1 50					
Westfield.....	Westfield Farmers Tel. Co.....	83¢					
West Salem.....	La Crosse Interurban Tel. Co.....	22 00					
Weyauwega.....	Baldwin Mills Tel. Co.....	1 00	1 00	1 00			
Weyauwega	Fox River Valley Tel. & Teleg. Co.....	1 00					
Wheatland.....	Burlington-Brighton-Wheatland Tel. Co.....						
Wheeler.....	Knapp Tel. Co.....	2 08					
White Creek.....	Kilbourn-Friendship Tel. Co.....						
Whitehall.....	Western Wis. Tel. Co.....	1 25					21 00
Whitelaw.....	Manitowoc & Western Tel. Co.....						
Wiota.....	La Fayette Tel. Co.....	2 50	2 00	1 00			
Wild Rose.....	Wausuara Tel. Co.....	4 00		2 00			2 00
Willmot.....	Farmers New Era Tel. Co.....						
Wilton.....	Ontario & Wilton Tel. Co.....	1 00					
Wittenberg.....	Wittenberg Tel. Co.....	1 00					
Wonewoc.....	Wonewoc Tel. Co.....	1 00					41 00
Wrightstown.....	Fox River Valley Tel. & Teleg. Co.....	2 00		1 50			
Wyocena.....	Peoples Tel. Co.....	1 00					
Wyocena.....	Pacific & Wyocena Tel. Co.....	75	63¢				
York.....	Central Wis. Tel. Co.....						

4 or more phones.

3 15 party line.

2 A rate of \$1.50 also quoted.

18 party line.

[illegible]

*** Rate of \$1.25 also quoted.**

² Rates of \$1.00 and \$1.25 also quoted.

1 \$5.25, 6 mos.—\$18.00 per year for 2 phones. 2

⁴ Rate of \$1.50 also quoted.
⁵ Rate given is for metallic circuit; grounded circuit, \$1.50.
⁶ Rate of 75 cents also quoted.
⁷ Rate given is for metallic circuit; grounded circuit, \$1.25.

⁷Rate of 75 cents also quoted.
at \$1.50

⁶ Rate of \$1.50 also quoted.

* 2 families using 1 phone, \$1.00.

* 2 families using 1 phone, \$1.00.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 2, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELE- PHONES ON SPECIFIED CIRCUITS.						MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.						
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rate per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter without bell.	Bell.
Cambria.....	Cambria Co-op. Tel. Co.																
Cambria.....	Farmers Mutual Tel. Co.																
Cambria.....	Cambria Tel. Co.	\$1.25															
Cameron.....	Harrison County Tel. Co.	1.00															
Campbellsport.....	Theresa Union Tel. Co.	1.00	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	\$0.75	1.00		\$1.50					
Camp Douglas.....	Juneau Elec. Co.	1.00								1.00	free						
Caroline.....	Farmers Independent Tel. Co.									75							
Casco.....	Casco & Brunsels Tel. Co.									1.00							
Cashon.....	Cashon Tel. Co.	1.00	1.00							1.00							
Cassville.....	Farmers Tel. Co. of Beeton.									75							
Cazenovia.....	Peoples Tel. Co.																
Cedar Grove.....	Cedar Grove Tel. Co.	1.00															
Cedar Grove.....	Western Wis. Tel. Co.	12 08															
Cenerville.....	Chetek Rural Tel. Co.	1.00								1.00							
Chetek.....	Chetek Rural Tel. Co.	1.00								1.00							
Chilton.....	Eastern Wis. Tel. Co.	1.00	1.00							1.00							
Chippewa Falls.....	Chippewa County Tel. Co.	1.50			1.00					1.50			\$1.00	\$1.00	\$0.50		\$0.25
Chippewa Falls.....	West Chippewa Tel. Co.									1.25							
Clear Lake.....	Clear Lake Tel. Co.	1.00	1.00		1.00	1.00				1.25		1.00					
Clear Lake.....	Shaw Tel. Co.									1.25							
Cleghorn.....	Clinton Tel. Co.	1.00	1.00							1.00							
Clinton.....	Clinton Tel. Co.	1.00								1.25							
Clintonville.....	Marion & Northern Tel. Co.	1.00	1.00		1.00					1.25							
Clintonville.....	Town Line Farmers Ind. Tel. Ass'n																
Clyman.....	Clyman Tel. Co.													1.00			
Colby.....	Colby Tel. Co.	1.00															
Colfax.....	I. O. Anderson Tel. Co.	1.00			1.00					1.50		1.25		1.00			25

¹ A rate of \$1.04 is also quoted.

² A rate of 50 cts. also quoted.

³ Per Year.

⁴ Rates of 75 cts. and \$1.25 also quoted.

A rate of \$1.04 is also quoted.

A rate of 50 cts. also quoted.

Per Year.

Rates of 75 cts. and \$1.25 also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.				EXTENSION SETS.				
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Members.	Pay station rate per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Elmwood.....	Highland Tel. Co. ¹	\$1 00															
Elroy.....	Elroy Tel. Co.	1 25	\$1 00							\$1 00			\$0 25				
Embarass.....	Matteson Tel. Co.																
Ettick.....	Ettick Tel. Co.	\$2 08									\$0 25	\$0 50			\$0 50		
Ettick.....	Western Wis. Tel. Co.									1 25							
Evansville.....	Evansville Tel. Exch.	1 50	1 00	\$0 75						\$1 16				50			\$0 10
Fairchild.....	Central Wis. Tel. Co.	1 00								1 00							
Fairchild.....	N. C. Foster Lumber Co.	1 00									1 50						
Fairchild.....	Shiocton Tel. Co.																
Fairwater P. O.....	Green Lake Tel. Co.									1 00							
Fall Creek.....	Ludington Tel. Co.	1 00	1 00							1 00							
Fall River.....	Peoples Tel. Co. ⁴	1 00								1 00							
Fennimore.....	Fennimore Tel. Co.	1 00		75						1 00		1 00					
Elfield.....	J. E. Feeley																
Florence.....	Mich. State Tel. Co.	1 50	1 25							2 00			75				\$3 00
Fond du Lac Town.....	Woodhull Tel. Co.											1 25					
Footville.....	Footville Tel. Co.									1 00							
Forestville.....	Alcoma Farmers' Tel. Co.									1 00							
Fort Atkinson.....	Jefferson Tel. Co.	1 25		1 00						1 50							
Fountain City.....	Fountain City Tel. Co.	1 25								1 25			1 25				25
Fox Lake.....	Peoples Tel. Co.	1 00								1 00							
Frederic.....	Tri-State Tel. Co.	1 00	1 00								2 00						
Freistadt.....	Freistadt-Cedarburg Tel. Co.									75							
Fremont.....	Fremont Tel. Co.									1 00							
Friendship.....	Kilbourn-Friendship Tel. Co.									1 00							

¹ Free to stockholders.

² Rate of 50 cts. and \$1.00 also quoted.

³ Net Rural, \$1.25.

⁴ Installation fee.

¹ Free to stockholders.² Rate of \$1.04 also quoted.³ Rate of 50 cts. and \$1.00 also quoted.⁴ Net Rural, \$1.25.⁵ Installation fee.

[illegible]

³ A rate of \$1.50 also quoted.

*** Monthly guarantee.**

Sold.

Sold.
A rate of 50 cts. also quoted.

Rate of \$1.04 also quoted.

¹ Rate of \$1.04 also quoted.
⁴ Monthly guarantee: five at \$1.50

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.					
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rates per call and monthly guarantee.	(Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Iron River.....	Iron River Water, L. & P. Co.....	\$1.50	\$1.00														
Ironton.....	Peoples Tel. Co.....																
Ithaca.....	Peoples Tel. Co.....									\$1.00							
Jackson.....	Jackson Tel. Co.....				\$1.00					1.50				\$1.25			
Janesville.....	Rock County Tel. Co.....	1.50															
Jim Falls.....	Chippewa County Tel. Co.....									1.50							
Jimtown.....	Elmwood Farmers Tel. Co.....									\$0.35	\$0.25						
Juda.....	Jefferson Tel. Co.....	1.00	1.00							1.25							
Keene.....	Union Tel. Co.....									1.00							\$0.25
Kendalls.....	Elroy Tel. Co.....	1.00															
Kenosha.....	Kenosha Home Tel. Co.....	2.00	1.50							1.25				1.00	\$0.50		25
Kewaskum.....	Theresa Union Tel. Co.....	1.00	.75	\$0.75	.75	\$0.75	\$0.75	\$0.75	\$0.75								
Kewaunee.....	Louis Meyers.....									.98							
Kiel.....	Eastern Wis. Tel. Co.....	1.00	1.00		.80	.75	.75			1.00				1.25	1.50		
Kilbourn.....	Farmers Inter-County M. T. Co. ¹	1.00	1.00							.42							
Klinton.....	Klinton Tel. Co.....									.10							
Klevenville.....	Pine Bluff Tel. Co.....									1.00							
Knapp.....	Knapp Tel. Co.....								\$2.00								
La Crosse.....	Inter-State Tel. Co.....									1.25							
La Crosse.....	La Crosse Tel. Co.....	2.00	1.50		1.00							\$1.50					
La Crosse.....	La Crosse Interurban Tel. Co.....									.30							
La Crosse.....	Smith-Coulee Tel. Co.....											.25					
La Farge.....	La Farge Tel. Co.....	1.00								1.00							
La Grange.....	Eagle Tel. Co.....	2.00										1.25					
Lamarine, Town.....	Woodhull Tel. Co.....											1.25					

¹ A rate of 75 cts. also quoted.

² A rate of \$1.25 also quoted.

³ Rates of \$1.00, \$1.25 and \$1.50 also quoted.

⁴ Reduced rate to stockholders.

¹ A rate of 75 cts. also quoted. ² A rate of \$1.25 also quoted. ³ Rates of \$1.00, \$1.25 and \$1.50 also quoted. ⁴ Reduced rate to stockholders.

⁵ A rate of 75 cts. also quoted. ⁶ A rate of 88 cts. also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907.—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.					
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rates per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.
Merrill.....	Merrill Tel. Co.....	\$1 50 ¹								\$1 50				\$0 50 ¹			
Merrillan.....	Central Wis. Tel. Co.....	1 00								1 00							
Merton.....	Merton Tel. Co.....	1 00	\$1 00														
Middleton.....	Pine Bluff Tel. Co.....									1 00							
Milton.....	Milton & Milton Jct. Tel. Co.....				\$1 00					1 25							
Mineral Point.....	Mineral Point Tel. Co.....	1 00													\$0 50		
Mishicot.....	Larabee Tel. Co.....									1 00							
Mondovi.....	Mondovi Tel. Co.....	1 00								1 35							
Monroe.....	Monroe Tel. Co.....	1 50													50	80 35	25
Montello.....	Marquette Tel. Co.....	1 00	1 00	1 00						1 00							\$0 10
Montfort.....	Individual Tel. Co.....																
Monticello.....	United Tel. Co.....	1 00															
Mt. Horeb.....	Mt. Horeb Tel. Co.....	1 00								1 00							
Mt. Vernon.....	Mt. Vernon Tel. Co.....	1 00															
Mosinee.....	Mosinee Tel. Co.....								\$1 00								
Mukwonago.....	Eagle Tel. Co.....	2 00															25
Nashota.....	F. C. Healey Tel. Co.....																
Necedah.....	Juneau Elec. Co.....	75															
Nellisville.....	Badger State Tel. & Teleg. Co.....	1 25	1 25							1 75						1 00	
Nekoosa.....	Wood County Tel. Co.....	1 25														1 00	
Nelsonville.....	Nelsonville Tel. Co.....																
Neshota.....	Eureka Tel. Co.....									1 00							
New Auburn.....	Bloomer Tel. Co.....	75								1 50							20
Newburg.....	Newburg Tel. Co.....																
NewChester, T'wn.....	Dr. F. L. Wood.....									83 ¹							

¹A rate of \$1.00 also quoted.

[illegible]

A rate of 75 cts. also quoted.

A rate of \$1.04 also quoted.

\$23.00 installation fee.

A rate of \$1.25 also quoted.

A rate of £1.00 also quoted.

*A rate of \$1.00 also quoted.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.							MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.						
		(One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rates per call and monthly guarantee.	Complete.	Transmitter and receiver with bell.	Transmitter and receiver without bell.	Bell.	
Pleasant Springs.	Kewonsa Independent Tel. Co.	\$1.00										\$1.25	\$0.25					
Plum City.	Peplin Tel. Co.	1.10	\$1.00										1.00					
Plymouth.	Plymouth Tel. Co.	1.50	1.25													\$0.55		
Portage.	Portage Tel. Co.			\$1.00						\$1.50 ¹				\$0.50				
Port Washington.	Port Washington Tel. Co.											1.25						
Port Wing.	Port Wing Tel. Co.																	
Potosi.	Farmers Tel. Co. of Beetown.								\$0.75									
Poynette.	Poynette Tel. Co.	1.00								75								
Prairie du Chien.	Union Tel. Co.	1.00									\$1.50	1.50						
Prairie du Sac.	Troy & Honey Creek Tel. Co.	1.00	1.00							1.00								
Prairie Farm.	Prairie F. Ridgeland & D. Tel. Co.											1.00						
Prairie Farm.	Barron County Tel. Co.									334								
Racine.	Citizens Tel. Co.	1.50	1.25			1.00				1.50		1.50	.05	1.00	\$1.00	.50		
Randolph.	Peoples Tel. Co.	1.00		1.00						1.25		1.00						
Random Lake.	Random Lake Tel. Co.	834										834					\$0.25	
Rathburn.	Rathburn Tel. Lines.																	
Reedsburg.	Reedsburg Tel. Co.	50	1.00															
Reedsville.	Manitowoc & Western Tel. Co.																	
Reeseville.	Dodge County Tel. Co.	1.25																
Reynolds.	Reynolds & Lambert Tel. Co.									1.00								
Rhinelander.	Rhinelander Mutual Tel. Co.	1.50	1.25		1.00	\$1.00 ¹												
Rib Lake.	Rib Lake Tel. Co.	1.00										1.00		.50				
Rice Lake.	Barron County Tel. Co.	1.00	1.00	1.00						1.00				.75				
A rate of \$1.00 also quoted.																	A rate of 25 cts. also quoted.	

¹A rate of \$1.00 also quoted.²A rate of \$1.25 also quoted.³A rate of 25 cts. also quoted.⁴Monthly guarantee.

[illegible]

³A rate of \$1.25 also quoted.

^aInstallation fee.

²A rate of \$1.00 also quoted.

675 cts. for 2 phones.

A rate of 50 cts. also quoted.

5-party line.

TABLE II.—EXCHANGE TELEPHONE RATES, APRIL, 1, 1907—Continued.
Excepting Wisconsin Telephone Co.

LOCATION.	NAME OF COMPANY.	MONTHLY CHARGE FOR RESIDENCE TELEPHONES ON SPECIFIED CIRCUITS.						MONTHLY CHARGE FOR RURAL SERVICE.			EXTENSION SETS.						
		One party.	Two party.	Three party.	Four party.	Six party.	Eight party.	Ten party.	Other kinds.	Subscribers.	Stockholders.	Renters.	Pay station rates per call and monthly guarantee.	Complete.	T'ransmitter with bell.	T'ransmitter without bell.	Beh.
Spring Valley.....	Pierce County Tel. Co.....	\$12 00								\$0 75	free.	\$1 00					
Stetsonville.....	Brecke Tel. Co.....																
Stockbridge.....	Stockbridge & Sherwood Tel. Co.....																
Stratford.....	Stratford Tel. Co.....	1 00								2 50							
Sturgeon Bay.....	Door County Tel. Co.....																
Sturgeon Bay.....	Sturgeon Bay & Gardner Tel. Co.....	1 75															
Sullivan.....	Sullivan Tel. Co.....	1 25	\$1 00					\$1 25		1 25			\$1 50	75	\$0 50	\$0 15	
Sun Prairie.....	Interurban Tel. Co.....	1 00	\$2 50	\$2 00													
Superior.....	Douglas County Tel. Co.....	3 00	2 00	1 33													
Superior.....	Peoples Tel. Co.....	2 00	1 00														
Taylor.....	Central Wis. Tel. Co.....	1 00								1 00							
Theresa.....	Theresa Union Tel. Co.....									1 34							
Thompsonville.....	Franksville Tel. Co.....	1 00								1 00	\$1 25	1 00					
Thorp.....	Thorp Tel. Co.....	1 00								1 00							
Tigerton.....	Marion & Northern Tel. Co.....	1 00															
Tomah.....	Tomah Electric & Tel. Co.....	1 25	1 00	\$1 00						1 00	25					50	
Tomahawk.....	Electric Water & Tel. Co.....	1 00	1 00														
Trempealeau.....	Western Wis. Tel. Co.....	1 04	1 00														
Turtle Lake.....	City Tel. Co.....	1 50	1 00												16		
Turtle Lake.....	Frank E. Fisk Tel. Co.....	1 50	1 00												16		
Two Rivers.....	Two Rivers Tel. Co.....	1 50	1 00														
Union Grove.....	Union Grove Tel. Co.....	1 00								1 00							
Viola.....	La Crosse Interurban Tel. Co.....	1 00	1 25	1 00						1 00							
Viroqua.....	Viroqua Tel. Co.....	1 25	1 25							1 00							
Walworth.....	Walworth Tel. Exc. Co.....						\$1 33		\$2 08	1 00		1 33					

¹ A rate of \$1.00 also quoted.

² A rate of \$2.08 also quoted.

³ Monthly guarantee.

⁴ A rate of \$0.42 also quoted.

⁵ A rate of \$2.08 also quoted.

[illegible]

¹ A rate of \$1.00 also quoted.

² A rate of \$1.50 also quoted.

³ A rate of \$1.04 also quoted.

PART X.



Statistics Affecting Railway Companies.

To the Hon. A. H. Dahl, State Treasurer: Herewith find statement showing bearing indebtedness, total mileage of railways within the state of Wisconsin, ending December 31, 1907, and being according to the provisions of section 1795,

Name of Company.	Total cost of railways in Wisconsin on Dec. 31, 1907.	Total gross receipts from operation in Wisconsin for year ending Dec. 31, 1907.	Total net earnings from operation (excluding taxes) in Wis. for year ending Dec. 31, 1907.	Total interest bearing indebtedness of railways in Wisconsin Dec. 31, 1907.
Abbotsford & Northeastern	\$232,000 00	\$34,453 93	\$5,034 44	\$190,000 00
Annapee & Western	864,500 00	79,156 77	36,000 64	425,000 00
Ashland, Odanah & Marengo		60,571 24	5,121 94	
Bayfield Transfer	3,406,953 55	21,932 44	330 83	1,696,098 88
Big Falls R'y Co.		11,108 67	859 89	2,500 00
Chi., Mil. & St. Paul	165,191,802 72	17,848,208 95	7,001,414 72	130,774,573 15
Chicago & Northwestern	163,238,270 19	19,108,458 81	7,001,461 61	140,622,876 58
C., St. P. M. & O.	228,649,564 57	6,458,338 93	1,868,737 09	12,603,864 24
Chi., Bur. & Quincy	12,302,560 68	3,940,858 12	1,253,063 85	4,313,036 30
Chi., Lake Shore & Eastern		128,132 08	57,376 63	
Chi., Harv. & Geneva Lake	137,078 16	14,752 06	2,916 63	77,357 16
Chicago & Lake Superior	58,483 77	6,099 32	941 95	
Chippewa River & Northern	10,785 74	8,804 78	1,537 70	
Chp. Valley & Northern	187,457 50	18,782 71	2,541 67	122,033 31
Drummond & Southwestern	203,733 35	23,050 80	305 37	50,000 00
Duluth, S. S. & Atlantic		421,263 10	33,337 62	
Dunbar & Wausaukee	71,038 02	33,197 24	11,929 10	
Fairchild & Northeastern	236,642 52	19,894 17	1,745 90	236,642 52
Great Northern		1,663,351 99	579,897 64	
Green Bay & Western	10,100,000 00	632,953 29	214,498 08	
Hawthorne, Nebag. & Sup.	30,811 15	33,019 55	19,241 17	
Hazelhurst & Southeastern	108,762 78	22,829 10	5,449 55	
Hillsboro & Northeastern	70,000 00	14,255 18	6,457 12	10,400 00
Illinois Central	3,218,519 35	132,522 54	38,381 06	1,725,139 00
Iola & Northern	71,400 00	7,164 72	465 02	
J. R. Davis Lbr. Co. Lg. R'y.	30,750 00	572 75	529,723 76	
Kewaunee, G. B. & West.	1,072,950 00	137,287 92	47,340 76	408,000 00
La Crosse & Southeastern	909,448 99	78,556 23	39,797 61	750,000 00
Lake Sup. Ter. & Transfer	409,504 62	43,298 62	127,070 14	195,000 00
Laona & Northern	137,634 15	10,530 62	5,380 63	73,738 94
Marathon County R'y Co.	35,854 08	10,930 16	203 74	16,234 82
Marquette, Tom. & West.	510,416 12	67,617 10	22,515 59	399,182 79
Mineral Point & Northern	972,076 21	86,061 61	22,117 47	478,043 65
Mpols., St. P. & S. Ste. M.	16,422,330 50	1,892,641 71	579,290 27	10,125,004 00
Northern Pacific		1,603,023 76	523,097 92	
Northwestern Coal R'y Co.	237,421 29	25,864 30	817 14	220,000 00
Oshkosh Transportation Co.	70,000 00	12,744 50	8,963 61	
Roddiss Lbr. & V. Co. Lg. R'y.		147 21		
Robbins R'y Co.	44,300 00	22,783 51	2,330 51	
Stanley, Merrill & Phillips	606,091 49	133,653 93	20,283 13	533,000 00
Superior & Southeastern	165,412 06	40,801 63	15,020 59	
Whitcomb & Morris	12,268 19	3,679 82	140 30	
Winona Bridge R'y Co.	413,808 75	16,062 37	16,062 37	201,319 68
Wisconsin Central	54,038,727 87	6,522,005 52	2,196,766 42	30,358,117 90
Wisconsin & Michigan	1,243,878 68	156,022 12	13,478 94	1,437,633 25
Wisconsin & Northern	1,175,797 95	24,447 41	296 79	542,426 00
Wisconsin, Ruby & South.		982 72	5722 40	
Wisconsin Western	521,400 00	35,069 31	4,218 30	
Wisconsin Northwestern	270,827 58	37,629 80	10,062 86	4,500 00
Mattoon	50,000 00	24,569 21	7,825 43	50,000 00
Mpols., St. P. & Ashland.		4,018 00	261 60	
Tomahawk & Eastern		4,956 34	1,978 15	
Total	\$267,766,857 56	\$60,743,909 58	\$21,059,991 81	\$138,667,717 67

¹ Miles of road basis.

² Not including \$30,128.24, elevator receipts and rentals, not taxable.

³ Proportional, divided on miles owned basis.

⁴ Proportion of operating expenses divided on train mileage basis.

⁵ Deficit.

REPORT OF THE RAILROAD COMMISSION.

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cost of each railway, total gross receipts, total net earnings, the total interest all as reported to this department by the companies named below as of the year Statutes of Wisconsin for 1898.

Amount of interest accrued upon indebtedness of railways in Wisconsin, year ending Dec. 31, 1907.	Amount of interest paid upon indebtedness of railways in Wisconsin, year ending Dec. 31, 1907.	Number of miles of operated railways in Wisconsin on Dec. 31, 1907.	Average amount earned per mile of road in Wisconsin for year ending Dec. 31, 07.	Rate of taxation of railways, year ending Dec. 31, 1907.	Amount of licence fee, year ending Dec. 31, 1907.
\$6,720 00	\$5,040 00	15.16	\$2,272 69	3 per cent	\$1,033 62
21,250 00	21,250 00	34.00	2,323 14	3 per cent	2,374 70
.....	.....	31.00	1,953 91	Assessed locally .....	.....
85,837 47	2,068 68	15.80	1,382 88	\$5 per mile	79 80
189 30	189 30	21.00	528 74	\$5 per mile	105 00
11,451,398 90	11,069,548 83	1,757.73	10,154 12	4 per cent	713,928 16
11,947,544 87	11,972,394 89	1,972.49	9,881 95	4 per cent	764,138 85
*713,757 80	*712,839 23	757.83	8,521 34	4 per cent	258,329 56
.....	*182,788 99	222.57	17,700 15	4 per cent	157,634 32
3,900 00	3,900 00	19.46	6,584 38	4 per cent	5,125 28
.....
3,963 75	747 14	6.00	2,458 82	3 per cent	442 59
.....	.....	3.24	1,882 50	\$5 per mile and 2½ per cent..	47 18
.....	.....	17.00	517 93	\$5 per mile	85 00
6,265 82	6,205 82	19.32	972 19	\$5 per mile	96 80
3,000 00	3,000 00	8.18	2,817 95	3½ per cent	808 78
.....
163,697 96	163,697 96	115.79	3,638 16	4 per cent	16,850 52
.....	.....	13.50	2,450 05	3 per cent	995 92
.....	14,403 62	38.00	523 53	\$5 per mile	190 00
.....	.....	37.69	44,132 45	4 per cent	66,534 08
.....	.....	225.00	2,813 12	3½ per cent	22,153 36
.....	.....	18.00	1,834 42	\$5 per mile and 2½ per cent..	240 49
.....	.....	24.20	943 35	\$5 per mile	121 00
461 67	461 67	5.00	2,851 02	3½ per cent	498 93
88,256 95	83,256 95	91.31	1,451 35	\$5 per mile	456 55
.....	.....	4.70	1,524.40	\$5 per mile and 2½ per cent..	26 37
.....	.....	20.50	27 94	\$5 per mile	102 50
20,400 00	20,400 00	36.70	3,740 82	4 per cent	5,491 52
.....	37,500 00	40.81	1,924 93	\$5 per mile and 2½ per cent..	637 58
11,700 00	11,700 00	20.59	2,102 90	3 per cent	1,238 96
4,207 51	4,207 51	16.00	1,220 66	\$5 per mile	80 00
.....	.....	20.25	539 76	\$5 per mile	101 25
1,098 89	1,098 89	*23.00	*2,939 87	\$5 per mile and 2½ per cent..	398 78
21,052 67	.....	30.60	2,812 47	3½ per cent	3,013 16
28,793 65	22,500 00	353.01	5,361 44	4 per cent	75,706 66
400,059 85	400,059 85	145.74	4,137 67	4 per cent	24,120 95
.....	.....	8.00	3,233 04	4 per cent	1,034 57
11,000 00	11,000 00	4.64	2,746 66	3½ per cent	446 06
.....	.....	12.00	12 27	\$5 per mile	60 00
3,450 00	.....	28.00	813 75	\$5 per mile	140 00
26,234 06	26,234 06	62.68	2,132 32	3 per cent	4,009 62
.....	.....	25.20	1,619 11	\$5 per mile and 2½ per cent..	201 04
.....	.....	0.00	613 30	\$5 per mile	30 00
*10,065 98	*10,065 98	0.54	29,745 13	2 per cent	321 25
1,239,250 46	1,234,117 41	\$96.99	7,353 98	4 per cent	260,916 23
60,148 64	2,731 32	93.49	1,668 86	\$5 per mile and 2½ per cent..	832 12
.....	.....	43.37	563 66	\$5 per mile	216 85
22,584 61	9,221 50	5.00	196 51	\$5 per mile	85 00
.....	.....	51.97	674 78	\$5 per mile	259 85
.....	.....	26.00	1,447 36	\$5 per mile	130 00
3,000 00	.....	29.36	836 83	\$5 per mile	146 80
.....	.....	2.00	2,009 00	3 per cent	120 54
.....	.....	20.77	238 63	\$5 per mile	103 85
\$6,352,290 81	\$6,085,749 60	7,487.30	\$8,112 92	.....	\$2,392,265 29

* This road operated 43.77 miles for seven months and then leased 20.77 miles to the Tomahawk & Eastern R. R. Co. License computed on full mileage basis, with gross earnings of the lessee added to the amount reported, making total gross earnings \$72,573.44, and earnings per mile \$1,658.03.

† Not including \$12,618.48, not taxable.

‡ Estimated.

§ For six months ending June 30.

|| Began operations August 12.

ITEMIZED STATEMENT OF EARNINGS—WISCONSIN, 1907.
Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross freight receipts.	Gross passenger receipts.	Gross mail receipts.	Gross express receipts.	Gross receipts, extra baggage and storage.	Gross receipts other items.	Gross receipts elevators.	Net receipts land department.
Abbotsford & Northeastern	\$20,007 73	\$3,680 58	3643 95	\$144 83	.....	.....	.....	.....
Ahnapee & Western	39,046 97	32,826 73	3,044 01	3,200 77	\$723 20	3205 00	.....	.....
Ashland, Odanah & Marengo	60,400 44	170 80	.....	.....	.....	.....	.....	.....
Bayfield Transfer	20,823 63	1,013 40	.....	.....	.....	92 38	.....	.....
Big Falls Ry. Co.	10,500 05	314 65	268 97	.....	.....	.....	.....	.....
Chicago, Milwaukee & St. Paul	12,630,953 20	3,658,503 23	632,888 09	873,056 81	54,933 52	1520,775 30	287,173 86	.....
Chicago & Northwestern	13,662,450 53	4,271,779 13	324,212 73	458,910 01	70,713 20	302,060 23	.....	.....
Chicago, St. Paul, Minneapolis & Omaha	4,500,841 95	1,733,512 43	93,260 86	130,872 67	26,247 81	58,377 92	.....	.....
Chicago, Burlington & Quincy	3,178,881 32	672,198 42	37,955 17	21,150 20	11,921 55	17,907 41	.....	.....
Chicago, Lake Shore & Eastern .....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Harvard & Geneva Lake	7,542 70	6,627 97	213 98	261 06	27	106 96	.....	.....
Chicago & Lake Superior	3,185 23	2,310 20	100 00	353 57	90 32	.....	.....	.....
Chippewa River & Northern	8,298 01	114 75	.....	.....	.....	392 02	.....	.....
Chippewa Valley & Northern	18,770 51	12 20	.....	.....	.....	.....	.....	.....
Drummond & Southwestern	23,050 86	.....	.....	.....	.....	.....	.....	.....
Duluth, South Shore & Atlantic	247,202 41	142,026 63	9,677 28	3,781 30	901 07	13,903 37	.....	.....
Dunbar & Wausaukee	32,250 02	438 22	.....	.....	.....	500 00	.....	.....
Fairchild & Northeastern	13,418 02	4,787 72	1,410 12	113 65	108 80	.....	.....	.....
Great Northern	1,393,595 30	111,232 24	4,338 88	5,410 72	1,453 83	7,898 63	.....	.....
Green Bay & Western	442,981 06	139,075 36	17,249 23	6,330 68	2,006 50	583 83	.....	.....
Hawthorne, Nebagamon & Superior	31,564 46	57 00	.....	.....	.....	.....	.....	.....
Hazelhurst & Southeastern	23,718 70	7 15	.....	103 25	.....	.....	.....	.....
Hillsboro & Northeastern	9,777 49	3,622 65	215 66	504 30	133 03	.....	.....	.....
Illinois Central	202,507 07	\$52,899 10	6,712 66	7,925 12	815 62	2,162 97	.....	.....
Iola & Northern	5,464 77	1,379 66	223 73	64 39	10 12	22 00	.....	.....

J. R. Davis Lumber Co., Logging Ry.	572 75	31,011 42	3,445 30	1,679 94	548 77	1,103 36	
Keweenaw, Green Bay & Western	94,187 70	39,283 71	1,435 06	1,200 00			
La Crosse & Southeastern	82,061 90				319 95		
Lake Superior Terminal & Transfer		212 35					
Laona & Northern	19,318 27						
Marathon County Ry. Co.	10,928 76	3 40					
Marquette, Tomahawk & Western	58,411 33	6,138 33	876 76	127 50	103 76	1,959 42	
Mineral Point & Northern	73,941 63	9,066 82	1,153 91	1,200 00	105 17	672 07	
Minneapolis, St. Paul & Sault Ste. Marie	1,437,459 49	335,202 41	46,057 95	29,227 45	4,083 32	19,392 95	
Northern Pacific	382,861 97	188,093 66	6,241 73	20,390 93	2,446 21	15,605 71	
Northwestern Coal Ry. Co.	25,984 30						
Oakosh Transportation Co.							
Roddis Lumber & Veneer Co., Logging Ry.	147 21						
Robbins Ry. Co.	28,783 51			60 52	2 90		
Stanley, Merrill & Phillips	124,390 11	7,944 45					
Superior & Southeastern	40,801 63						
Whitcomb & Morris	3,660 22						
Winona Bridge Ry. Co.							
Wisconsin Central	4,890,307 98	1,833 602 94	105,038 62	141,657 92	14,839 12	16,062 37	
Wisconsin & Michigan	131,555 99	21,984 62	2,067 64	332 10	74 81	16,298 27	\$174,132 23
Wisconsin & Northern	13,785 54	10,309 44	243 43				
Wisconsin, Ruby & Southern	733 71	250 00					
Wisconsin Western	21,308 27	8,526 73	1,538 71	2,981 46	231 40	492 74	
Wisconsin Northwestern	35,956 61	1,673 19					
Mattoon	21,170 88	2,538 40				874 93	
Minneapolis, St. Paul & Ashland							
Tomahawk & Eastern	4,668 32						
	4,118 70	744 40	27 90	52 50	13 40		
Total	\$13,913,213 00	\$12,835,657 61	\$1,301,197 68	\$1,230,435 67	\$103,373 27	\$1,004,516 90	\$7,173 86
							\$174,132 23

⁴ Tolls.⁵ Report for six months ending June 30, 1907.¹ Includes \$22,954.38 rents, not taxable.² Not taxable.³ Less overcharges.

[illegible]

1 Wisconsin proportional, divided on miles operated basis.

^a Net amount.

³ Locomotive and car service.

* Including hire or equipment.

⁵ Car service (demurrage).
⁶ Buildings and other property.

7 Covers last six months only; p

*** Report for six months ending June 30.**

ITEMIZED STATEMENT OF EARNINGS—WHOLE LINE, 1907.

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross freight receipts.	Gross passenger receipts.	Gross mail receipts.	Gross express receipts.	Gross receipts, exchange and storage.	Gross receipts other items.	Gross receipts elevators.	Net receipts land department.
Abbotsford & Northeastern	\$23,007 73	\$3,680 58	\$843 95	\$144 83				
Annapee & Western	39,096 97	32,893 73	3,044 01	3,260 77	\$723 29	\$905 00		
Ashland, Odanah & Marengo	60,400 44	170 80						
Bayfield Transfer	20,898 68	1,013 40				92 38		
Big Falls Ry. Co.	10,500 05	314 65	288 97					
Chicago, Milwaukee & St. Paul	43,929,915 06	11,919,738 53	1,659,216 30	1,230,135 03	200,800 05	1,327,507 97	\$16,517 02	
Chicago & Northwestern	48,378,304 98	16,061,950 97	1,435,225 88	1,408,129 12	229,376 49	1,755,805 58		
Chicago, St. Paul, Minneapolis & Omaha	9,497,094 10	8,801,956 28	275,705 89	803,759 00	59,913 38	103,915 08		\$63,143 27
Chicago, Burlington & Quincy	57,216,170 90	18,824,401 12	2,337,678 98	1,946,567 39	292,255 94	2,416,401 57		
Chicago, Lake Shore & Eastern	4,576,968 48							
Chicago, Harvard & Geneva Lake	15,065 41	13,255 95	427 96	522 16	55	213 91		
Chicago & Lake Superior	3,135 23	2,310 20	160 00	353 57	90 32			
Chippewa River & Northern	8,298 01	114 75				892 08		
Chippewa Valley & Northern	19,770 51	19 20						
Drummond & Southwestern	23,050 86							
Duluth, South Shore & Atlantic	2,088,930 32	1,079,448 50	59,910 79	43,905 06	13,680 88	83,545 05		
Dunbar & Wausaukee	32,350 02	4,039 22				500 00		
Fairchild & Northeastern	13,413 02	4,787 72	1,410 12	113 65	108 80			
Great Northern	43,429,567 66	10,782,537 90	1,263,225 80	752,894 31	154,780 74	616,883 21		
Green Bay & Western	445,145 80	140,942 61	17,365 03	6,373 16	2,003 90	583 83		
Hawthorne, Nebagamon & Superior	31,564 46	57 09						
Hazelnut & Superior	23,718 70	7 15		103 25				
Hillsboro & Northeastern	9,777 49	3,623 05	215 66	506 30	133 08			
Illinois Central	38,683,415 26	11,365,727 08	914,411 30	1,242,068 21	173,395 20	7,700,815 83		
Iola & Northern	5,464 77	1,379 96	223 78	64 89	10 13	22 00		

ITEMIZED STATEMENT OF EARNINGS—WHOLE LINE, 1907.—Concluded,

Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Gross amount received or charged for switching.	Gross amount received or charged for car mileage.	Gross amount expended for car mileage.	Gross amount received or charged for rentals of tracks and terminals.	Gross amount of interest or dividends received on bonds owned.	Gross amount of interest or dividends received on stocks owned.	Gross amount of miscellaneous income.	Repayments, overcharge to shippers, tickets re-deemed, and other deductions from earnings.
Abbotsford & Northeastern.....								
Albion & Western.....								
Ashland, Odanah & Marengo.....								
Bayfield Transfer.....							\$32 36	
Big Falls Ry Co.....								
Chicago, Milwaukee & St. Paul.....					\$115,000 00	\$90,319 00	590,129 95	
Chicago & Northwestern.....								
Chicago, St. P., Minn. & Omaha.....	\$114,606 88	\$311,025 84	\$772,171 19	\$84,274 40	4,825 05	95,124 42	9,901 88	\$871,963 15
Chicago, Burlington & Quincy.....	1,071,851 78		332,535 86					
Chicago, Lake Shore & Eastern.....	372,119 46	118,657 71		573 90			185,669 35	
Chicago, Harvard & Geneva Lake.....								
Chicago & Lake Superior.....								
Chippewa River & Northern.....								
Chippewa Valley & Northern.....								
Drummond & Southwestern.....								
Duluth, South Shore & Atlantic.....	5,965 68		34,583 49	17,824 04			5,097 47	19,036 78
Dunbar & Wausaukee.....								
Fairchild & Northeastern.....	6,000 00	83	253 99					83 83
Great Northern.....	416,242 34	298,227 09	\$119,054 32	309,063 39	259,635 06	1,008,779 94	338,460 32	
Green Bay & Western.....	18,849 08	5,277 12			8,750 00		2,638 00	
Hawthorne, Nebagamon & Super.....	1,398 00	157 80						
Hazelnut & Southeastern.....								
Hillsboro & Northeastern.....								
Illinois Central.....	430,402 90	3,845,083 90	3,194,244 88	468,819 52	2,480,491 21	431,815 00	4,837,360 25	269,284 09
Iola & Northern.....								

SUMMARY OF EARNINGS—WISCONSIN AND WHOLE LINE, 1907.
Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Passenger.		Freight.		Mail, Express and Transportation and Car Companies and all other sources.		Total.	
	Wisconsin.	Whole line.	Wisconsin.	Whole line.	Wisconsin.	Whole line.	Wisconsin.	Whole line.
Abbotsford & Northeastern.....	\$3,680 58	\$3,680 58	\$29,007 73	\$29,007 73	\$1,765 62	\$1,765 62	\$34,453 93	\$34,453 93
Ahnapee & Western.....	39,595 73	32,826 73	38,096 97	39,096 97	7,233 07	7,233 07	79,156 77	79,156 77
Ashland, Odanah & Marengo.....	170 80	170 80	60,400 44	60,400 44	.....	.....	60,571 24	60,571 24
Bayfield Transfer	1,013 40	1,013 40	20,826 68	20,826 68	92 36	92 36	21,832 44	21,832 44
Big Falls R'y Co.....	314 65	314 65	10,500 05	10,500 05	288 97	288 97	11,103 67	11,103 67
Chicago, Milwaukee & St. Paul.....	3,653,593 23	11,919,788 58	12,630,958 29	43,929,915 06	1,556,652 43	4,434,196 37	17,548,203 95	60,233,900 01
Chicago & Northwestern.....	4,271,779 16	16,061,950 97	13,639,450 33	48,378,304 98	1,162,229 32	4,878,337 17	19,108,453 81	69,338,593 13
Chicago, St. Paul, Minneapolis & Omaha.....	1,706,183 20	3,738,995 10	4,370,405 52	9,188,092 13	381,650 12	895,754 82	6,458,238 93	13,822,842 06
Chicago, Burlington & Quincy.....	672,198 42	18,824,401 12	3,178,881 32	57,016,170 90	89,778 33	6,995,950 91	3,940,953 13	83,736,523 98
Chicago, Lake Shore & Eastern.....	.....	.....	35,247 87	4,576,968 45	92,884 71	617,990 82	128,132 08	5,194,959 30
Chicago, Harvard & Geneva Lake.....	6,627 97	13,255 95	7,542 70	15,085 41	582 28	1,164 58	14,782 95	29,505 94
Chicago & Lake Superior.....	2,310 20	2,310 20	3,185 23	3,185 23	603 89	603 89	6,099 32	6,099 32
Chippewa River & Northern.....	114 75	114 75	8,298 01	8,298 01	392 02	392 02	8,904 73	8,904 73
Chippewa Valley & Northern.....	12 20	12 20	18,770 51	18,770 51	.....	.....	18,782 71	18,782 71
Drummond & Southwestern.....	.....	.....	23,050 86	23,050 86	.....	.....	23,050 86	23,050 86
Duluth, South Shore & Atlantic.....	143,349 48	1,086,312 74	247,202 41	2,083,930 32	30,711 21	228,190 13	421,963 10	3,403,433 19
Dunbar & Wausaukee.....	4,338 32	4,338 32	39,250 02	39,250 02	500 00	500 00	33,197 34	33,197 34
Fairchild & Northeastern.....	4,801 52	4,801 52	13,418 02	13,418 02	1,584 63	1,584 63	19,804 17	19,804 17
Great Northern	111,282 24	10,782,526 90	1,393,505 30	43,429,857 66	158,524 45	6,551,088 16	1,663,551 59	60,764,372 72
Green Bay & Western.....	139,075 36	140,842 61	442,581 09	445,143 80	50,886 81	31,955 12	632,953 29	637,041 53
Hawthorne, Nebagamon & Superior.....	57 09	57 09	31,554 46	31,554 46	1,368 00	1,368 00	33,019 55	33,019 55
Hazelnurst & Southeastern.....	7 15	7 15	22,718 70	22,718 70	103 25	103 25	22,829 10	22,829 10
Hillsboro & Northeastern.....	3,622 65	3,622 65	9,777 49	9,777 49	854 99	854 99	14,255 13	14,255 13
Illinois Central.....	52,399 10	11,355,727 08	62,507 07	38,082,415 86	17,616 37	10,099,706 44	132,532 54	60,067,847 78
Iola & Northern.....	1,379 66	1,379 66	5,464 77	5,464 77	330 29	330 29	7,164 72	7,164 72

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J. R. Davis Lumber Co., Logging R'y.....	81,011 42	31,011 42	572 75	572 75	572 75	572 75
Kewaunee, Green Bay & Western.....	39,289 71	39,289 71	94,187 70	94,187 70	137,287 92	137,287 92
La Crosse and Southeastern.....	.....	.....	32,061 60	32,061 60	78,556 23	78,556 23
Lake Superior Terminal & Transfer.....	.....	.....	.....	.....	43,206 62	43,206 62
Laona & Northern.....	212 35	212 35	19,318 27	19,318 27	19,530 62	19,530 62
Marathon County R'y Co.....	8 40	3 40	10,926 76	10,926 76	10,930 16	10,930 16
Marquette, Tomahawk & Western.....	6,138 33	6,138 33	58,411 33	58,411 33	67,617 10	67,617 10
Mineral Point and Northern.....	9,066 82	9,066 82	73,811 63	73,811 63	86,061 60	86,061 60
Mpols., St. Paul & Sault Ste. Marie.....	385,202 41	2,672,148 57	1,437,455 40	9,940,935 35	1,829,611 71	12,780,147 73
Northern Pacific.....	190,511 87	18,630,135 15	332,861 97	51,407,204 32	615,642 24	72,031,740 40
Northwestern Coal R'y Co.....	.....	.....	25,831 30	25,831 30	25,861 30	25,874 30
Oskosh Transportation Co.....	.....	.....	147 21	147 21	12,744 50	12,744 50
Roddiss Lbr. & Veneer Co., Logging R'y.....	.....	.....	22,783 51	22,783 51	147 21	147 21
Robbins R'y Co.....	.....	.....	124,390 11	124,390 11	22,783 51	22,783 51
Stanley, Merrill & Phillips.....	7,944 45	7,944 45	.....	.....	133,653 93	133,653 93
Superior & Southeastern.....	.....	.....	40,801 63	40,801 63	40,801 63	40,801 63
Whitcomb & Morris.....	.....	.....	3,679 82	3,679 82	3,679 82	3,679 82
Winona Bridge R'y Co.....	1,348,341 26	1,661,888 55	4,890,307 08	5,929,714 50	16,062 37	16,062 37
Wisconsin Central.....	21,964 62	87,992 38	131,555 90	181,357 06	385,442 80	7,857,045 85
Wisconsin & Michigan.....	.....	.....	.....	.....	6,522,905 52	223,501 72
Wisconsin & Northern.....	10,309 44	10,309 44	13,785 54	13,785 54	156,022 12	156,022 12
Wisconsin, Ruby & Southern.....	.....	.....	732 31	732 31	24,447 41	24,447 41
Wisconsin Westerns.....	8,526 73	8,526 73	21,308 27	21,308 27	983 71	983 71
Wisconsin Northwestern.....	1,673 19	1,673 19	35,946 61	35,946 61	35,069 31	35,070 31
Mattoon.....	2,583 40	2,583 40	21,170 88	21,170 88	37,629 80	37,629 80
Minneapolis, St. Paul & Ashland.....	.....	.....	.....	.....	24,569 21	24,569 21
Tomahawk & Eastern.....	744 40	744 40	4,118 70	4,118 70	4,018 00	4,018 00
Total.....	\$12,825,791 65	\$97,114,249 74	\$43,813,355 19	\$43,813,355 19	\$60,756,528 08	\$452,311,679 20

¹ Commencing with July 1, revenue accounts are in accordance with new classification of interstate commerce commission. * For six months ending June 30.

REPORT OF THE RAILROAD COMMISSION.

TOTAL AMOUNTS PAID—WISCONSIN, 1907.
Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Construc- tion.	Equip- ment.	Oper- ation.	Taxes.	Interest.	Rentals.	Divi- dends.	All other purposes.	Total amount paid during year.
Abbotsford & Northeastern.....			\$28,339 40	\$1,307 33	\$6,720 00			\$0.15	\$36,414 07
Annapee & Western			48,096 13	2,135 34	21,250 00				66,481 47
Ashtand, Odanah & Marengo			55,449 30					168 03	55,617 30
Bayfield Transfer	\$342 17	\$212 36	21,611 61	271 80	2,068 68				27,623 41
Big Falls R'y Co.		3,534 15	10,243 78	273 76	189 30	\$1,680 00			12,386 84
Chicago, Milwaukee & St. Paul	1,155,179 40	11,501,221 70	210,846,785 23	820,781 83	1,451,398 90		12,274,756 04		18,189,130 10
Chicago & Northwestern	1,677,758 70	1,137,748 02	12,041,397 20	643,563 08	1,972,394 89	73,855 30	2,008,421 05	\$62,160 38	19,617,836 62
Chicago, St. Paul, Minneapolis & Omaha	275,795 00	457,548 33	4,539,501 84	305,562 57	473,757 80		495,216 77		6,893,293 21
Chicago, Burlington & Quincy	8,876 07	33,055 94	2,687,794 27	136,799 26	182,788 99		383,059 93	27,949 55	8,460,324 01
Chicago, Lake Shore & Eastern	\$1,644 00	6,946 80	70,755 45	4,380 20	3,900 00	105,750 00	(?)	8,486 00	201,832 45
Chicago, Harvard & Geneva Lake	1,507 75	1,116 38	11,836 33	312 82	747 14	268 00			15,783 42
Chicago & Lake Superior			5,157 37	51 70	28 20				5,237 27
Chippewa River & Northern			10,402 48	383 26					10,785 74
Chippewa Valley & Northern	12,831 34		16,211 04	196 11	1,211 67			973 07	31,453 23
Drummond & Southwestern			22,745 40	624 27	3,000 00				26,369 76
Duluth, South Shore & Atlantic	(?)	(?)	381,535 71	13,985 46	163,697 96	11,140 81		6,350 77	576,749 71
Dunbar & Wausaukee			21,268 14	768 53					22,036 67
Fairchild & Northeastern	8,004 92	1,101 57	21,643 07	1,289 80	14,463 62	15 00		8,665 44	55,092 92
Great Northern	(?)	(?)	1,083,434 35	99,179 67	(?)	(?)	(?)	(?)	1,182,634 02
Green Bay & Western		27,750 00	418,460 21	22,041 37		1,759 26	155,000 00		625,010 84
Hawthorne, Nebagamon & Superior			13,778 38	711 78					14,490 16
Hazelhurst & Northeastern			17,343 28	273 76		1 00	5,000 00		22,618 04
Hillsboro & Northeastern			7,843 01	186 88	461 67		2,984 00		11,405 56
Illinois Central	5,902 04	(?)	170,903 60	11,598 59	83,256 95	(?)	(?)		274,631 18
Iola & Northern			6,699 70	169 50					6,869 20
J. R. Davis Lumber Co., Logging R'y	180 04	6,807 35	30,296 51	517 52	20,400 00				37,811 42
Kewaunee, Green Bay & Western			86,947 16	4,843 97	37,500 00	54 00			115,245 13
La Crosse and Southeastern			88,758 02	3,613 66	37,500 00	3,000 00			82,872 28
Lake Superior Terminal & Transfer	83,350 37	27,300 67	170,968 76	473 07	11,700 00	\$2,666 17			246,459 04
Laona & Northern	741 67	2,328 66	14,149 80	398 51	4,207 51			694 57	22,450 91

REPORT OF THE RAILROAD COMMISSION.

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Marathon County R'y Co.	1,234 66	213 66	11,133 90	298 26	1,008 89	657 24	14,636 61
Marquette, Tomahawk & Western	45,101 51	1,303 32	46,404 83
Mineral Point & Northern	1,374 98	431 18	63,944 13	3,011 38	22,500 00	1,128 20	.....	.....	92,379 52
Minneapolis, St. Paul & Sault Ste. Marie	807,042 60	369,882 79	1,213,351 44	118,000 00	400,059 85	.....	162,300 66	61,533 03	2,632,290 37
Northern Pacific	.....	.....	633,740 16	940,000 00	.....	1,542 29	.....	.....	2,680,282 45
Northwestern Coal R'y Co.	.....	.....	25,017 16	957 48	11,000 00	.....	.....	.....	37,004 64
Oakwood Transportation Co.	.....	.....	3,720 81	851 13	.....	.....	8,202 50	.....	12,837 52
Roddis Lumber & Veneer Co., Logging R'y	.....	.....	7,376 38	873 30	.....	.....	.....	.....	7,749 68
Robbins R'y Co.	.....	.....	20,444 00	514 67	3,450 00	.....	.....	.....	24,408 67
Stanley, Merrill & Phillips	5,160 36	25 00	113,370 80	1,533 07	26,234 06	300 00	.....	.....	140,623 29
Superior & Southeastern	39,346 16	3,371 14	25,781 04	133 50	.....	.....	.....	.....	68,631 84
Whitcomb & Morris	.....	.....	3,820 52	108 56	.....	.....	.....	.....	3,930 08
Winona Bridge R'y Co.	.....	.....	(10)	1,642 57	10,065 98	.....	.....	.....	11,708 55
Wisconsin Central	3,398,834 90	136,761 24	4,326,130 10	288,670 69	992,522 73	310,732 18	.....	3,052 79	9,444,713 63
Wisconsin & Michigan	45,283 21	1,619 32	142,543 18	3,285 15	2,781 31	6,024 36	.....	8,471 73	207,719 12
Wisconsin & Northern	442,412 40	11,695 78	24,150 62	1,368 81	9,221 50	.....	.....	.....	488,819 11
Wisconsin, Ruby & Southern	.....	600 00	1,705 11	.....	.....	.....	.....	.....	2,305 11
Wisconsin Western ¹	.....	.....	30,851 01	140 95	.....	.....	.....	.....	30,991 96
Wisconsin Northwestern	11,743 32	87 84	27,347 88	219 01	(12)	(14)	.....	2,731 70	42,120 80
Mattoon	2,613 89	1,551 00	9,335 80	657 03	3,000 00	.....	.....	3,043 35	20,400 81
Minneapolis, St. Paul & Ashland	.....	.....	3,755 40	10 00	.....	901 92	.....	.....	4,668 32
Tomahawk & Eastern	.....	.....	2,978 19	.....	.....	1,944 42	.....	.....	4,922 61
Total	\$7,435,170 74	\$3,390,571 74	\$39,689,990 55	\$2,618,565 78	\$9,170,967 60	\$22,708 01	\$5,951,010 95	\$194,946 80	\$65,972,987 07

¹Miles of road basis.
²Revenue train mile basis.
³Sinking funds, etc.
⁴Miles owned basis.
⁵Train mileage basis.
⁶Including improvements.
⁷Not given.
⁸Hire of equipment.

⁹Estimated.
¹⁰No operation charges reported; company was reimbursed for same by tenant companies.
¹¹Credit.
¹²For 6 months ending June 30.
¹³Included in operating expenses.
¹⁴Deducted from freight earnings.

TOTAL AMOUNTS PAID—WHOLE LINE, 1907.
Of Roads Operating in Wisconsin, as Reported to the Railroad Commission for the Year Ending December 31, 1907.

Name of Company.	Construc- tion.	Equip- ment.	Operation.	Taxes.	Interest.	Rentals.	Dividends.	All other purposes.	Total amount paid during year.
Abbotsford & Northeastern.....	.....	.....	\$28,389 49	\$1,305 33	\$6,720 00	.....	.....	\$0 15	\$36,414 97
Ahnapee & Western.....	.....	.....	43,006 33	2,135 34	21,250 00	.....	.....	.....	66,481 47
Ashtand, Odanah & Marengo.....	.....	.....	57,440 30	.....	.....	.....	.....	.....	57,440 30
Bayfield Transfer.....	\$342 17	\$212 30	21,611 61	271 80	2,068 08	.....	.....	186 08	27,823 41
Big Falls R'y Co.....	.....	3,534 13	10,243 76	273 76	193 30	\$1,680 00	.....	.....	12,385 84
Chicago, Mil. & St. Paul.....	4,720,798 51	6,380,145 90	40,862,590 16	2,169,914 80	5,031,340 00	.....	\$9,286,101 50	.....	69,367,830 87
Chicago & Northwestern.....	6,007,472 70	4,480,762 93	48,680,065 40	2,404,733 94	7,797,830 59	230,862 42	7,909,711 50	1944,804 59	76,476,284 16
Chi., St. P., M'pols. & Omaha.....	587,308 37	124,688 54	9,294,952 40	620,603 97	1,365,945 16	154,598 15	2,066,917 00	.....	14,434,353 50
Chicago, Burl. & Quincy.....	10,825,416 83	1,291,247 64	62,812,735 05	3,168,784 83	7,140,195 00	.....	14,963,278 50	1,061,770 60	101,323,437 51
Chicago, L. S. & Eastern.....	21,327,453 99	2,225,551 15	3,342,371 85	36,319 90	180,774 08	528,000 00	1,600,000 00	342,328 32	9,532,709 29
Chi., Harvard & Geneva Lake.....	3,015 50	2,232 76	23,672 66	491 61	1,404 29	536 00	.....	.....	31,443 12
Chicago & Lake Superior.....	.....	.....	5,157 37	51 70	28 20	.....	.....	.....	5,237 27
Chippewa River & Northern.....	.....	.....	10,402 48	383 26	.....	.....	.....	.....	10,785 74
Chippewa Valley & Northern.....	12,831 34	.....	16,241 04	196 11	1,211 67	.....	.....	973 07	31,453 23
Drummond & Southwestern.....	.....	.....	22,745 49	624 27	3,000 00	.....	.....	.....	26,369 76
Duluth, South Shore & Atl.....	100,385 20	259,283 96	2,449,732 46	186,213 75	889,943 21	37,858 51	.....	32,701 81	3,956,119 02
Dunbar & Wausaukee.....	.....	.....	21,268 14	766 53	.....	.....	.....	.....	22,034 67
Fairchild & Northeastern.....	8,004 92	1,101 57	1,259 30	2,259 30	14,403 02	15 00	.....	8,665 44	55,092 92
Great Northern.....	8,835,305 44	10,532,905 21	36,629,068 62	2,161,003 34	2,606,976 36	3,353,960 40	10,470,505 50	24,410,232 36	99,069,967 23
Green Bay & Western.....	.....	27,750 00	418,460 21	22,041 37	.....	1,759 28	155,000 00	.....	625,010 84
Hawthorne, Nebag. & Sup.....	.....	.....	13,778 38	711 78	.....	.....	.....	.....	14,490 16
Hazhurst & Southeastern.....	.....	.....	17,943 28	973 76	.....	1 00	5,000 00	.....	22,618 04
Hillsboro & Northeastern.....	.....	.....	7,943 01	199 88	461 67	.....	.....	.....	11,405 56
Illinois Central.....	1,806,416 90	4,164,058 38	42,160,235 26	2,239,281 18	4,741,610 00	2,602,435 48	6,652,800 00	64,375,839 54
Iola & Northern.....	6,869 70	109 50	6,999 20

REPORT OF THE RAILROAD COMMISSION.

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J. R. Davis Lbr. Co. Lg. Ry.	100 04	6,807 35	30,296 51	547 52	20,400 00	54 00	37,941 42
Kewanee, G. B. & Western.			89,947 16	4,813 97	37,500 00	8,000 00	115,945 13
La Crosse & Southeastern.			38,758 62	3,613 66	11,700 00	42,666 17	89,872 28
Lake Sup. Term. & Transfer.	33,350 37	27,300 07	170,968 78	473 07	4,207 51		246,459 04
Laona & Northern.	741 67	2,328 66	14,149 99	328 51			22,459 91
Marathon County Ry Co.	1,234 66	213 66	11,133 90	238 26	1,068 83	637 24	14,636 61
Marquette, Tomahawk & W.			45,101 51	1,303 32			46,404 83
Mineral Point & Northern.	1,374 93	431 18	63,944 13	3,011 38	22,500 00	1,128 20	92,379 82
Mpols., St. P. & S. Ste. M.	3,292,586 67	2,397,943 41	7,953,538 16	752,978 70	2,151,612 15	117,418 27	18,684,504 73
Northern Pacific	18,680,564 36	11,943,937 41	42,653,954 44	42,552,810 00	8,026,719 98	221,235 06	100,755,974 87
Northwestern Coal Ry Co.			25,047 16	957 48	11,000 00		37,004 64
Oaklath Transportation Co.			3,780 89	854 13		8,202 50	12,837 52
Roddis Lbr. & V. Co. Lg. Ry.			7,370 36	372 30			7,748 66
Robbins Ry Co.			20,444 00	511 67	3,450 00		24,408 67
Stanley, Merrill & Phillips.	5,160 36	25 00	113,370 80	1,533 07	23,234 08	300 00	146,623 29
Superior & Southeastern.	30,346 16	3,371 14	25,731 01	133 50			62,631 84
Whitcomb & Morris			3,820 52	109 50			3,930 08
Winona Bridge Ry Co.			(3)	2,172 78	10,200 00		21,372 78
Wisconsin Central	2,765,862 35	140,533 52	5,077,628 06	330,303 14	1,100,357 81	364,709 14	10,763,311 49
Wisconsin & Michigan.	46,962 41	61,121 82	201,245 77	7,285 15	5,018 53	8,632 27	288,188 48
Wisconsin & Northern.	442,412 40	11,695 78	24,150 02	1,303 81	9,221 50		488,840 11
Wisconsin, Ruby & Southern.		600 00	1,705 11				2,305 11
Wisconsin Western.			30,851 01	140 91	(*)		30,991 96
Wisconsin Northwestern	11,743 32	87 84	27,347 93	219 01	(*)	2,731 70	42,129 80
Mattoon	2,613 83	1,551 00	9,535 60	657 03	3,000 00	3,043 35	20,400 81
Mpols., St. Paul & Ashland.			3,750 40	10 00		801 82	4,668 28
Tomahawk & Eastern.			2,978 19			1,944 42	4,922 61
Total	\$61,128,944 89	\$43,969,119 35	\$301,674,703 06	\$16,777,324 34	\$42,418,662 32	\$7,663,666 27	\$371,695,477 89

¹ Sinking fund, etc.
² Including improvements.
³ Hire of equipment.
⁴ Estimated.
⁵ No operation charges reported; company was reimbursed by tenant companies.
⁶ Credit.
⁷ For six months ending June 30.
⁸ Included in operating expenses.
⁹ Deducted from freight earnings.

CAPITAL STOCK AND DIVI-

Capital Stock of and Dividends Declared by Railroads in Wisconsin

Name of Company.	Number of shares authorized.		Par value of shares.	Total par value authorized.	
	Com-mon.	Pre-ferred.		Common.	Preferred.
Abbotsford & Northeastern.....	1,200		\$100 00	\$120,000 00	
Ahnapee & Western.....	5,000		100 00	500,000 00	
Ashland, Odanah & Marengo.....	1,000		100 00	100,000 00	
Bayfield Transfer.....	30,000		100 00	3,000,000 00	
Big Falls R'y Co.....	10		100 00	1,000 00	
Chicago, Milwaukee & St. Paul ¹	(²)	(²)	100 00	(²)	(²)
Chicago & Northwestern ¹	4508,421		100 00	450,842,207 28	
Chicago, St. P., Minn. & Omaha.....	(²)	(²)		(²)	(²)
Chicago, Burlington & Quincy.....					
Chicago, Lake Shore & Eastern.....					
Chicago, Harvard & Geneva Lake.....					
Chicago & Lake Superior.....	10,000		100 00	1,000,000 00	
Chippewa River & Northern.....	250		100 00	25,000 00	
Chippewa Valley & Northern.....	150		1,000 00	150,000 00	
Drummond & Southwestern.....	100		100 00	10,000 00	
Duluth, South Shore & Atlantic.....					
Duluth, Superior & West'n Term.....	20,000		100 00	2,000,000 00	
Dunbar & Wausaukee.....					
Fairchild & Northeastern.....	250		100 00	25,000 00	
Great Northern.....					
Green Bay & Western.....	25,000		100 00	2,500,000 00	
Hawthorne, Nebagamon & Sup'r.....					
Hazelhurst & Southeastern.....	4,000		25 00	100,000 00	
Hillsboro & Northeastern.....	500		100 00	50,000 00	
Illinois Central.....					
Iola & Northern.....	17,000		100 00	1,700,000 00	
J. R. Davis Lbr. Co., Logging It.....					
Kewaunee, Green Bay & West'n.....	4,800	2,000	100 00	480,000 00	\$200,000 00
La Crosse & Southeastern.....	10,000		100 00	1,000,000 00	
Lake Superior Term'l & Transf.....	12,000		100 00	1,200,000 00	
Laona & Northern.....	500		100 00	50,000 00	
Marathon County R'y Co.....	400		100 00	40,000 00	
Marinette, Tomahawk & West'n.....	10,000		100 00	1,000,000 00	
Mineral Point & Northern.....	5,500		100 00	550,000 00	
Minneapolis, St. P. & S. Ste. Marie.....	25,872	12,836	100 00	2,587,200 00	1,283,600 00
Northern Pacific.....					
Northwestern Coal R'y Co.....	10,000		100 00	1,000,000 00	
Oshkosh Transportation Co.....	700		100 00	70,000 00	
Rodd's Lbr. & Veneer Co., Log. R'y.....					
Robbins R'y Co.....	300		100 00	30,000 00	
Stanley, Merrill & Phillips.....	1,000		100 00	100,000 00	
Superior & Southeastern.....	500		100 00	50,000 00	
Tomahawk & Eastern.....	250		100 00	25,000 00	
Whitcomb & Morris.....	100		100 00	10,000 00	
Winona Bridge R'y Co.....					
Wisconsin Central.....					
Wisconsin & Michigan.....	4,655		100 00	465,500 00	
Wisconsin & Northern.....	10,000		100 00	1,000,000 00	
Wisconsin, Ruby & Southern.....					
Waupaca-Green Bay.....	1,500		100 00	150,000 00	
Milwaukee, Bay View & Chicago.....	1,000		100 00	100,000 00	
Wisconsin Northwestern.....	3,000		100 00	300,000 00	
Mattoon R'y Co.....	100		100 00	10,000 00	
Total.....	725,058	14,836		72,320,907 28	\$1,483,600 00

¹ Road mileage basis.² Not apportioned.³ Proportional.

REPORT OF THE RAILROAD COMMISSION.

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DENDS, WISCONSIN, 1908.

Reported to the Railroad Commission for the Year Ending June 30, 1908.

Amount issued and outstanding.			Dividends declared during year.			
Common.	Preferred.	Total.	Common.		Preferred.	
			Rate. per ct.	Amount.	Rate. per ct.	Amount.
\$120,000 00		\$120,000 00				
439,500 00		439,500 00				
100,000 00		100,000 00				
1,675,400 00		1,675,400 00				
1,000 00		1,000 00				
120,330,883 18	\$12,204,236 88	132,535,120 05	7	\$1,420,632 71	7	\$852,390 60
25,927,475 30	5,691,781 74	31,619,257 04	7	1,893,438 88	8	453,385 36
9,755,621 10	5,764,426 61	15,520,047 71	7	582,054 11	7	359,159 46
18,000 00		18,000 00				
58,000 00		58,000 00				
10,000 00		10,000 00				
2,000,000 00		2,000,000 00	7	140,000 00		
500 00		500 00				
2,500,000 00		2,500,000 00	5	125,000 00		
100,000 00		100,000 00	5	5,000 00		
49,470 00		49,470 00	6	2,968 21		
71,400 00		71,400 00				
485,750 00	199,200 00	684,950 00				
105,400 00		105,400 00				
215,400 00		215,400 00				
50,000 00		50,000 00				
40,000 00		40,000 00				
161,500 00		161,500 00				
550,000 00		550,000 00				
2,383,971 33	1,191,985 67	3,575,957 00	2 & 3	106,724 31	7	75,263 50
1,000,000 00		1,000,000 00				
70,000 00		70,000 00	9.88	6,918 81		
30,000 00		30,000 00				
100,000 00		100,000 00				
50,000 00		50,000 00				
1,000 00		1,000 00				
10,000 00		10,000 00				
485,500 00		485,500 00				
700,000 00		700,000 00				
69,920 00		69,920 00				
100,000 00		100,000 00		5,750 00		
300,000 00		300,000 00				
4,000 00		4,000 00				
\$10,050,690 91	\$25,051,633 90	\$35,102,324 81		\$4,203,487 11		\$927,557 10

* Common and preferred stock.

* Determined by net earnings.

CAPITAL STOCK AND DIVI-
Capital Stock of and Dividends Declared by Railroads Operating in Wisconsin

Name of Company.	Number of shares authorized.		Par value of shares.	Total par value authorized.	
	Common	Preferred.		Common.	Preferred.
Abbotsford & Northeastern.....	1,200	.....	\$100 00	\$120,000 00	.....
Ahnapee & Western.....	5,000	.....	100 00	500,000 00	.....
Ashland, Odanah & Marengo....	1,000	.....	100 00	100,000 00	.....
Bayfield Transfer.....	30,000	.....	100 00	3,000,000 00	.....
Big Falls Ry. Co.....	10	.....	100 00	1,000 00	.....
Chicago, Milwaukee & St. Paul..	(1)	(1)	100 00	(1)	(1)
Chicago & Northwestern.....	2,000,800	.....	100 00	200,080,000 00	.....
Chicago, St. Paul, M. & O.....	300,000	200,000	100 00	30,000,000 00	\$20,000,000 00
Chicago, Burlington & Quincy...	1,108,391	.....	100 00	110,839,100 00	.....
Chicago, Lake Shore & Eastern..	27,630	.....	100 00	2,763,000 00	.....
Chicago, Harvard & Geneva Lake	1,500	.....	100 00	150,000 00	.....
Chicago & Lake Superior.....	10,000	.....	100 00	1,000,000 00	.....
Chippewa River & Northern.....	250	.....	100 00	25,000 00	.....
Chippewa Valley & Northern.....	150	.....	1,000 00	150,000 00	.....
Drummond & Southwestern.....	100	.....	100 00	10,000 00	.....
Duluth, South Shore & Atlantic.	120,000	100,000	100 00	12,000,000 00	10,000,000 00
Duluth, Superior & Western Ter.	20,000	.....	100 00	2,000,000 00	.....
Dunbar & Wausaukee.....	.....	.....	.....	.....	.....
Fairchild & Northeastern.....	250	.....	100 00	25,000 00	.....
Great Northern.....	2,100,000	.....	100 00	210,000,000 00	.....
Green Bay & Western.....	25,000	.....	100 00	2,500,000 00	.....
Hawthorne, Nebagamon & S.....	.....	.....	.....	.....	.....
Hazelhurst & Southeastern.....	4,000	.....	25 00	100,000 00	.....
Hillsboro & Northeastern.....	500	.....	100 00	50,000 00	.....
Illinois Central.....	950,400	.....	100 00	95,040,000 00	.....
Iola & Northern.....	17,000	.....	100 00	1,700,000 00	.....
J. R. Davis Lumber Co., L. Ry..	.....	.....	.....	.....	.....
Kewaunee, Green B. & W.....	4,800	2,000	100 00	480,000 00	200,000 00
La Crosse & Southeastern.....	10,000	.....	100 00	1,000,000 00	.....
Lake Superior T. & T.....	12,000	.....	100 00	1,200,000 00	.....
Laona & Northern.....	500	.....	100 00	50,000 00	.....
Marathon County Ry. Co.....	400	.....	100 00	40,000 00	.....
Marquette, Tomahawk & Western	10,000	.....	100 00	1,000,000 00	.....
Mineral Point & Northern.....	5,500	.....	100 00	550,000 00	.....
Minneapolis, St. P. & S. Ste. M..	168,000	84,000	100 00	16,800,000 00	8,400,000 00
Northern Pacific.....	2,500,000	.....	100 00	250,000,000 00	.....
Northwestern Coal Ry. Co.....	10,000	.....	100 00	1,000,000 00	.....
Oshkosh Transportation Co.....	700	.....	100 00	70,000 00	.....
Roddis Lumber & V. Co., L. Ry..	.....	.....	.....	.....	.....
Robbins Ry. Co.....	300	.....	100 00	30,000 00	.....
Stanley, Merrill & Phillips.....	1,000	.....	100 00	100,000 00	.....
Superior & Southeastern.....	500	.....	100 00	50,000 00	.....
Tomahawk & Eastern.....	.....	.....	.....	.....	.....
Whitcomb & Morris.....	100	.....	100 00	10,000 00	.....
Winona Bridge Ry. Co.....	4,000	.....	100 00	400,000 00	.....
Wisconsin Central.....	175,000	125,000	100 00	17,500,000 00	12,500,000 00
Wisconsin & Michigan.....	9,515	.....	100 00	951,500 00	.....
Wisconsin & Northern.....	10,000	.....	100 00	1,000,000 00	.....
Wisconsin, Rub. & Southern.....	.....	.....	.....	.....	.....
Waupaca-Green Bay.....	1,500	.....	100 00	150,000 00	.....
Milwaukee, Bay View & Chicago	1,000	.....	100 00	100,000 00	.....
Wisconsin-Northwestern.....	3,000	.....	100 00	300,000 00	.....
Mattoon Ry. Co.....	100	.....	100 00	10,000 00	.....
Total.....	9,651,065	511,000	.....	\$94,941,600 00	\$51,100,000 00

¹ Not given² Common and preferred stock.

DEBTS, WHOLE LINE, 1908.

a. Reported to the Railroad Commission for the Year Ending June 30, 1908.

Amount issued and outstanding.			Dividends declared during year.			
Common.	Preferred.	Total.	Common.		Preferred.	
			Rate.	Amount.	Rate.	Amount.
\$120,000 00		\$120,000 00				
439,500 00		439,500 00				
100,000 00		100,000 00				
1,075,400 00		1,075,400 00				
1,000 00		1,000 00				
83,377,900 00	\$49,978,400 00	133,356,300 00	7%	\$5,817,497 00	7%	\$3,490,543 00
102,032,730 97	22,398,054 56	124,431,685 53	7%	6,972,072 00	8%	1,791,000 00
21,413,293 33	12,646,833 29	34,060,126 62	7%	1,298,034 00	7%	787,976 00
110,839,100 00		110,839,100 00	14%	15,517,474 00		
2,700,000 00		2,700,000 00				
150,000 00		150,000 00				
18,000 00		18,000 00				
58,000 00		58,000 00				
10,000 00		10,000 00				
12,000,000 00	10,000,000 00	22,000,000 00				
2,000,000 00		2,000,000 00	7%	140,000 00		
500 00		500 00				
209,932,750 00		209,932,750 00	7%	10,471,819 75		
2,500,000 00		2,500,000 00	5%	125,000 00		
100,000 00		101,000 00	5%	5,000 00		
49,470 00		49,470 00	6%	2,968 20		
95,040,000 00		95,040,000 00	7%	6,651,491 00		
71,400 00		71,400 00				
485,750 00	199,200 00	684,950 00				
105,400 00		105,400 00				
215,400 00		215,400 00				
50,000 00		50,000 00				
40,000 00		40,000 00				
161,500 00		161,500 00				
550,000 00		550,000 00				
15,480,333 34	7,740,166 66	23,220,500 00	2 & 3%	683,015 00	7%	488,743 50
217,891,835 97		217,891,835 97		10,850,000 00		
1,000,000 00		1,000,000 00				
70,000 00		70,000 00	9 84%	6,918 88		
30,000 00		30,000 00				
100,000 00		100,000 00				
50,000 00		50,000 00				
10,000 00		10,000 00				
400,000 00		400,000 00				
17,503,000 00	12,500,000 00	30,003,000 00				
951,500 00		951,500 00				
700,000 00		700,000 00				
60,920 00		60,920 00				
100,000 00		100,000 00		5,750 00		
300,000 00		300,000 00				
4,000 00		4,000 00				
\$900,935,633 61	\$115,461,554 51	\$1,016,397,188 12		\$58,458,533 88		\$3,558,802 50

* Determined by net earnings.

* 93,000 shares of new capital stock have been offered to the present stockholders at par and payments on subscriptions have been received to June 30, 1908, amounting to \$2,881,835.97.

REPORT OF THE RAILROAD COMMISSION.

FUNDED DEBT OF THE CHICAGO, MILWAUKEE & ST. PAUL RAILWAY CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Description of Bonds.	Date of maturity.	Interest.				Amount of bonds.
		Rate per cent.	Payable.	Accrued during the year.	Paid during the year.	
Iowa & Dakota Division Extension.....	July 1, 1908	7	Jan. and July.....	\$14,840 00	\$14,315 00	\$212,000 00
Southwestern Division.....	July 1, 1909	6	Jan. and July.....	240,000 00	240,000 00	4,000,000 00
Hastings & Dakota Division Extension.....	Jan. 1, 1910	7	Jan. and July.....	307,680 00	307,115 00	5,080,000 00
Hastings & Dakota Division Extension.....	Jan. 1, 1910	5	Jan. and July.....	49,500 00	49,475 00	800,000 00
Chicago & Pacific Division.....	Jan. 1, 1910	6	Jan. and July.....	180,000 00	180,810 00	3,000,000 00
Southern Minnesota Division.....	Jan. 1, 1910	6	Jan. and July.....	445,920 00	450,300 00	7,422,000 00
Mineral Point Division.....	July 1, 1910	5	Jan. and July.....	142,000 00	142,575 00	2,840,000 00
Terminal Mortgage.....	July 1, 1914	5	Jan. and July.....	237,400 00	237,300 00	4,748,000 00
La Crosse & Davenport Division.....	July 1, 1919	5	Jan. and July.....	125,000 00	125,000 00	2,500,000 00
Dubuque Division.....	July 1, 1920	6	Jan. and July.....	302,940 00	302,610 00	5,049,000 00
Wisconsin Valley Division.....	July 1, 1920	6	Jan. and July.....	115,680 00	115,320 00	1,928,000 00
Chicago & Pacific Western Division.....	Jan. 1, 1921	5	Jan. and July.....	1,267,000 00	1,267,025 00	25,340,000 00
Wisconsin & Minnesota Division.....	July 1, 1921	5	Jan. and July.....	237,750 00	238,050 00	4,755,000 00
Chicago & Lake Superior Division.....	July 1, 1921	5	Jan. and July.....	98,000 00	97,975 00	1,980,000 00
Chicago & Missouri River Division.....	July 1, 1923	5	Jan. and July.....	154,150 00	153,975 00	3,083,000 00
General Mortgage.....	May 1, 1909	4	Jan. and July.....	1,254,120 00	954,700 00	31,353,000 00
Wisconsin Valley Railroad Co.....	Jan. 1, 1909	3 1/4	Jan. and July.....	313,250 00	313,582 50	8,950,000 00
Mil. & Northern R. R. Co., 1st Mortgage.....	Jan. 1, 1910	7	Jan. and July.....	77,455 00	77,082 50	1,108,500 00
Mil. & Northern R. R. Co., Consolidated.....	June 1, 1913	6	June and Dec.....	129,300 00	129,720 00	2,155,000 00
Dakota & Great Southern Ry. Co.....	Jan. 1, 1916	6	June and Dec.....	305,520 00	230,970 00	5,082,000 00
Fargo & Southern Ry. Co.....	Jan. 1, 1924	5	Jan. and July.....	142,800 00	143,350 00	2,856,000 00
Interest on bonds retired.....				75,000 00	74,940 00	1,250,000 00
				7,475 00	22,055 00	
				\$6,282,700 00		
Less amount of interest on bonds in the treasury of the Company and in hands of Trustees—not payable—Included above.....						
				365,940 00		
Total.....				\$5,916,760 00	\$5,937,690 00	\$125,079,500 00



FUNDED DEBT OF THE CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. CO.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	TIME.		Total par value authorized.	Total par value outstanding.	Total par value held by respondent corporation.	Total par value not held by respondent corporation.	INTEREST.		
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.
First Mortgage.....	1878	1918	\$3,000,000 00	\$1,434,000 00	.....	\$1,434,000 00	6 %	May 1.	\$87,810 00
First Mortgage.....	1880	1920	800,000 00	641,000 00	.....	641,000 00	6 %	Nov. 1.	38,460 00
First Mortgage.....	1879	1919	6,070,000 00	6,070,000 00	.....	6,070,000 00	6 %	Jan. 1.	365,430 00
Consol. Mortgage.....	1880	1920	30,000,000 00	15,980,091 45	\$91 45	15,980,000 00	6 %	Apr. 1.	923,300 00
Consol. Mortgage.....	1880	1920	400,000 00	3,734,000 00	.....	3,734,000 00	3 1/2 %	June 1.	123,509 16
First Mortgage.....	1890	1915	1,500,000 00	400,000 00	50,000 00	350,000 00	5 %	Dec. 1.	20,000 00
First Mortgage.....	1895	1920	1,500,000 00	1,500,000 00	1,500,000 00	.....	5 %	May 1.	.....
First Mortgage.....	1878	1908	125,000 00	125,000 00	.....	125,000 00	8 %	Nov. 1.	.....
First Mortgage.....	1878	1908	Retired in January, 1908.	.....	.....	.....	.....	Sept. 1.	10,000 00
Grand total.....	.....	.....	\$41,885,000 00	\$29,884,091 45	\$1,550,091 45	\$28,334,000 00	.....	July 1.	11,718 00
									\$1,570,047 16
									\$1,008,029 75

Note: In addition to the bonds shown above this company guarantees the payment of principal and interest of \$75,000.00 of the bonds of the Minneapolis & Eastern Ry. Co.

FUNDED DEBT OF THE CHICAGO, BURLINGTON & QUINCY R. R. CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate.	Interest.		
	Date of issue.	When due.						When payable.	Amount accrued during year.	Amount paid during year.
C. B. & Q. Ill. Dist.	1899	1949	\$50,835,000 00	\$50,835,000 00	\$50,835,000 00	.....	3 1/2	J. & J.	\$1,779,225 00	\$1,779,225 00
C. B. & Q. Ill. Dist.	1879	1949	34,165,000 00	34,165,000 00	24,165,000 00	.....	4	J. & J.	1,365,440 00	1,365,440 00
C. B. & Q. Ia. Dist.	1879	1919	3,000,000 00	3,000,000 00	2,280,400 00	.....	5	A. & O.	114,345 42	114,345 00
C. B. & Q. Ia. Dist.	1879	1919	12,502,000 00	12,502,000 00	7,280,000 00	.....	4	A. & O.	244,448 38	244,448 00
C. B. & Q. Neb. Extn.	1897	1927	29,441,000 00	29,441,000 00	24,214,000 00	.....	4	M. & N.	977,614 23	980,240 00
C. B. & Q. Gen. Mfge.	1904	1954	16,000,000 00	16,000,000 00	16,000,000 00	.....	4	M. & N.	59,613 83	1153,719 48
C. B. & Q. Gen. Mfge.	1879	1918	13,751,000 00	13,751,000 00	13,751,000 00	.....	6	J. & J.	816,180 00	824,370 00
Rep. Valley	1879	1919	2,643,000 00	2,643,000 00	1,078,000 00	.....	6	J. & J.	54,208 00	61,680 00
H. & St. Joe	1881	1911	8,000,000 00	8,000,000 00	8,000,000 00	.....	6	M. & S.	480,000 00	480,000 00
Tarkio Valley	1880	1920	430,000 00	430,000 00	122,000 00	.....	7	J. & D.	6,165 84	9,310 00
Lincoln & N. W.	1880	1920	398,000 00	398,000 00	108,000 00	.....	7	J. & D.	8,108 33	8,200 00
Atch. & Nebr.	1878	1908	600,000 00	600,000 00	600,000 00	.....	7	M. & S.	42,000 00	42,000 00
C. B. & Q. S. F.	1881	1921	1,125,000 00	1,125,000 00	4,300,000 00	.....	7	M. & S.	52,500 00	78,750 00
C. B. & Q. S. F.	1880	1910	4,300,000 00	4,300,000 00	3,347,000 00	.....	4	J. & J.	172,000 00	172,000 00
C. B. & Q. Plain.	1883	1913	9,000,000 00	9,000,000 00	9,000,000 00	.....	4	M. & N.	131,400 00	133,880 00
C. B. & Q. Den. Ext.	1881	1922	7,988,000 00	7,988,000 00	7,988,000 00	.....	5	F. & A.	450,000 00	450,000 00
C. B. & Q. Den. Ext.	1881	1922	7,988,000 00	7,988,000 00	7,988,000 00	.....	4	F. & A.	320,720 00	320,720 00
Grand total.	.....	.....	\$197,495,000 00	\$197,495,000 00	\$153,064,000 00	.....	.....	.....	\$7,126,009 33	\$6,998,890 53

* Credit.

FUNDED DEBT OF THE DULUTH, SOUTH SHORE & ATLANTIC RAILWAY CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

CLASS OF BOND OR OBLIGATION.	TIME.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate.	INTEREST.		
	Date of issue.	When due.						When payable.	Amount ac- crued dur- ing year.	Amount ac- crued dur- ing year.
First mortgage.....	Apr. 15, 1887.	Jan. 1, 1887.	\$4,000,000 00	\$4,000,000 00	\$3,816,000 00	(¹)	5%	Jan. 1, July 1	\$190,800 00	\$190,800 00
First consol.....	July 17, Aug. 1, 1890.	Aug. 1, 1890.	20,000,000 00	15,107,000 00	15,107,000 00	\$12,552,000 00	4%	Feb. 1, Aug. 1	804,280 00	None
M., H. & O. 6% bonds of 1925.....	Apr. 1, 1885.	Apr. 1, 1925.	1,400,000 00	1,400,000 00	1,077,000 00	No record.....	6%	Apr. 1, Oct. 1	64,620 00	64,620 00
Income certificates.....	Dec. 31, 1892.	Dec. 31, 1912.	3,000,000 00	3,000,000 00	3,000,000 00	Accepted at par by holders of an equal amount of unfunded debt.	4%	Dec. 31	None	None
Total.....			\$28,400,000 00	\$23,507,000 00	\$23,000,000 00				\$630,700 00	\$255,420 00

¹ Total issue of stock and issue of first mortgage bonds delivered to D., S. & A. syndicate for 333½ miles of completed road.

This company's proportion.....	107,613,000 00		(Coupon bonds) July and Jan. Paid. Bonds red. bond July; Oct. Jan. and April.	4,304,520 00	4,374,520 00
Grand Total.....	\$233,510,909 06			\$9,121,630 03	\$9,157,039 98
<p>The total amount of "Mortgage Bonds" outstanding, \$125,897,000 00, was covered by several companies for sundry purposes. The payment of the principal and interest on these bonds was assumed by the Great Northern Ry. Co. as part of the consideration for the railways, etc., being loaned to the issuing companies and which were purchased by the Great Northern Ry. Co. \$4,700,000. First Division 1st Mortgage Bonds issued by the Eastern Ry. of Minnesota, matured April 1, 1908. On their redemption an equal amount of that company's Northern Division 1st Mortgage Bonds were issued, of which \$2,502,000 were exchanged for the First Mortgage Bonds mentioned, \$2,005,000 remaining in the company's treasury at the end of the year. On June 30, 1908, there were \$73,000 of the First Division Bonds that had not been presented for redemption.</p>					
<p>Montana Extension Bonds, total issue..... \$21,087 0 00 Less bonds in hands of the trustee of Pacific Extension Mortgage, in accordance with terms of that mortgage..... 11,562,000 00 Bonds outstanding..... \$10,185,000 00 Interest has not been accrued upon bond, which are held in the treasury of this company. Of the interest accrued upon bonds outstanding in the hands of the public, there has been charged to rental..... \$1,171,245 85 And to income account..... 7,950 385 01 Total..... \$9,121,630 03</p>					

The total amount of "Mortgage Bonds" outstanding, \$125,897,999.00, were issued by said company in order to improve the payment of the bonds of the Northern Ry. Co. as part of the consideration for the railways, etc., being sold by the Northern Ry. Co. to the Great Northern Ry. Co., \$4,700,000. First Division 1st Mortgage Bonds issued by the Eastern Ry. of Minnesota, matured April 1, 1908. On their redemption an equal amount of that company's Northern Division 1st Mortgage Bonds were issued, of which \$2,562,000 were exchanged for the First Mortgage Bonds mentioned, \$2,045,000 remaining in the company's treasury at the end of the year. On June 30, 1908, there were \$73,000 of First Division Bonds that had not been presented for redemption.

FUNDED DEBT OF THE ILLINOIS CENTRAL RAILROAD CO., JUNE 30, 1908.
Mortgage bonds, miscellaneous obligations and income bonds.

CLASS OF BOND OR OBLIGATION.	TIME.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate, per ct.	When payable.	INTEREST.	
	Date of issue.	When due.							Amount accrued during year.	Amount paid during year.
1st mtge. Sterling Extend....	1875	1881	\$2,500,000 00	\$2,500,000 00	\$2,500,000 00	\$2,500,000 00	4	Apr. & Oct.	\$100,000 00	\$90,880 00
Sterling 38 1st Mtge.	1886	1931	2,500,000 00	2,500,000 00	2,000,000 00	2,500,000 00	3	Mar. & Sept.	75,000 00	74,850 00
Gold 48 1st Mtge.	1886	1931	1,500,000 00	1,500,000 00	1,000,000 00	1,500,000 00	4	Jan. & July	60,000 00	61,740 00
Gold 38 1st Mtge. Extend....	1886	1931	2,500,000 00	2,485,000 00	2,485,000 00	2,480,000 00	34	Jan. & July	87,465 00	88,987 50
Gold 38 1st Mtge.	1903	1951	3,000,000 00	3,000,000 00	3,000,000 00	3,000,000 00	34	Apr. & Oct.	105,000 00	104,895 00
Gold 38 1st Mtge. Extend....	1905	1950	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	34	June & Dec.	35,000 00	35,000 00
7 per cent construction.....	past due		.....	1,000 00	1,000 00	1,000 00	.....	.....	.....	.....
1st Mtge. on H. & S. W.	1881	1921	\$13,000,000 00	\$13,000,000 00	\$13,000,000 00	\$13,000,000 00	.....	.....	\$462,465 00	\$465,352 50
1st Mtge. on Springfield Div....	1888	1931	1,000,000 00	988,000 00	2,000,000 00	988,000 00	5	Feb. & Aug.	48,400 00	49,050 00
1st Mtge. on D. & S. C.	1888	1931	2,000,000 00	2,000,000 00	2,000,000 00	2,000,000 00	34	Jan. & July	70,000 00	70,000 00
1st Mtge. on St. Louis Div....	1887	1931	5,000,000 00	5,425,000 00	5,425,000 00	5,425,000 00	4	Feb. & Aug.	217,000 00	216,760 00
1st Mtge. on St. Louis Div....	1897	1951	10,000,000 00	4,938,275 00	4,938,275 00	4,938,275 00	3	Jan. & July	149,940 00	149,760 00
1st Mtge. on Louisville Div....	1897	1951	10,000,000 00	8,377,000 00	8,377,000 00	8,377,000 00	34	Jan. & July	293,195 00	293,256 25
1st Mtge. on Omaha Div....	1900	1953	25,000,000 00	23,888,000 00	23,888,000 00	23,888,000 00	34	Jan. & July	762,580 00	836,622 50
1st Mtge. on Omaha Div....	1900	1951	5,000,000 00	5,000,000 00	5,000,000 00	5,000,000 00	3	Feb. & Aug.	150,000 00	150,465 00
1st Mtge. on Litchfield Div....	1900	1951	4,000,000 00	3,235,000 00	3,235,000 00	3,235,000 00	3	Jan. & July	194,440 00	97,110 00
Purchased since 1st Mtge....	1904	1952	20,000,000 00	14,662,000 00	14,662,000 00	14,662,000 00	34	Jan. & July	420,000 00	512,977 50
			\$25,000,000 00	\$21,553,275 00	\$21,553,275 00	\$21,553,275 00	.....	.....	\$2,668,020 00	\$2,841,893 75
Miscellaneous obligations—										
1st Lien Equip. Funds.....	1908	1923	\$30,000,000 00	\$30,000,000 00	\$30,000,000 00	\$30,000,000 00	4	Jan. & July	.....	\$600,000 00
Collateral Trust Bonds.....	1888	1932	15,000,000 00	15,000,000 00	15,000,000 00	15,000,000 00	4	Apr. & Oct.	\$600,000 00	603,680 00
Col. Trust Bds. L. N. O. & T.	1882	1933	25,000,000 00	25,000,000 00	25,000,000 00	25,000,000 00	4	May & Nov.	197,180 00	1,000,380 00
Sterling ¹	1886	1930	9,000,000 00	5,296,000 00	5,296,000 00	5,296,000 00	34	Jan. & July	184,310 00	183,540 00
Calro Bridge ²	1892	1950	3,000,000 00	3,000,000 00	3,000,000 00	3,000,000 00	4	June & Dec.	120,000 00	120,680 00
Total			\$67,000,000 00	\$78,296,000 00	\$78,296,000 00	\$78,296,000 00	.....	.....	\$1,801,470 00	\$2,508,300 00
Grand total.....			\$177,000,000 00	\$159,819,275 00	\$159,819,275 00	\$159,819,275 00	.....	.....	\$4,569,480 00	\$5,350,193 75

¹ Issued against \$5,296,000 C. St. L. & M. O. R. Co.'s bonds of 1881.

² Issued against \$3,000,000 C. St. L. & M. O. R. Co.'s bonds of 1880.

FUNDED DEBT OF THE MINNEAPOLIS, ST. PAUL & SAULT ST. MARIE RAILWAY CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of Bond or Obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Interest.		
	Date of issue.	When due.					Rate.	When payable.	Amount accrued during year.
Mpls. & Pac Ry., 1st Mlge. Bonds.	1886	1888	\$4,230,000 00	\$4,230,000 00	\$306,000 00	\$230,337 83	4%	Jan. & July	\$12,200 00
Mpls., S. S. M. & Atlantic Ry.....	1886	1926	10,000,000 00	10,000,000 00	8,204,000 00	6,979,759 60	4 & 5%	Jan. & July	327,160 00
Mpls., St. P. & S. S. M. Ry., Consols	1888	1888	51,795,000 00	43,285,000 00	41,605,000 00	35,749,353 25	4%	Jan. & July	1,630,160 00
Mpls., St. P. & S. S. M. Ry., 2d Mlge. Bonds.....	1899	1949	5,000,000 00	3,500,000 00	3,500,000 00	3,334,284 78	4%	Jan. & July	140,540 00
Grand total.....	.....	.....	\$71,085,000 00	\$61,075,000 00	\$53,615,000 00	\$46,323,715 46	.....	.....	\$2,110,060 00

FUNDED DEBT OF THE NORTHERN PACIFIC RY. CO., JUNE 30, 1908.
A. Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate per cent.	Interest.		
	Date of issue.	When due.						When payable.	Amount accrued during year.	Amount paid during year.
St. P. & N. P. Ry. Co., Gen'l Mtge.	1883	1923			\$8,021,000		6	Feb., Aug.	\$481,280 00	\$480,405 00
Nor. Pac. Ry. Co.	1887	1897	\$130,000,000		108,984,500		4	Jan., Apr., July, Oct.	4,207,250 00	4,213,810 00
Prior Lien Mtge.	1887	1907	60,000,000		60,000,000		3	Feb., May, Aug., Nov.	1,773,857 50	1,788,835 00
Gen'l Lien Mtge.	1900	1943	20,000,000		7,402,000		4	June, Dec.	392,140 00	394,060 00
St. P. & Duluth R. R. Co., First Mtge.	1881	1931	1,000,000		1,000,000		5	Feb., Aug.	50,000 00	49,900 00
Second Mtge.	1887	1907	2,000,000		2,000,000		5	Apr., Oct.	100,000 00	100,575 00
First Consol. Mtge.	1908	1963	5,000,000		1,000,000		4	June, Dec.	40,000 00	40,860 00
Taylor Falls & Lake Superior R. R.										
First Mtge.	1884	1914	210,000		210,000		6	Jan., July	12,600 00	12,600 00
Duluth Short Line Ry., First Mtge.	1883	1913	700,000		500,000		5	Mar., Sept.	25,000 00	25,625 00
Wash. & Colum. Riv. Ry., First Mtge.	1885	1885	2,622,000		2,620,000		4	Jan., July	101,900 00	52,340 00
West. N. R. of Minn., Mtge.					All retired					540 00
St. Paul & Northern P. Ry., Mtge.					All retired					21 00
St. Paul & Northern P. Ry., Mtge.	1901	1921	222,400,000	215,923,000			4	Jan., Apr., July, Oct.	4,304,520 00	4,304,520 00
St. Paul & Northern P. Ry., Mtge.			Nor. Pac. Ry. Co. Prop'n		107,613,000					
Grand total.					287,850,500				\$11,403,427 50	\$11,374,091 00

B.—Equipment Trust Obligations.

Series or other designation.	Date of issue.	Term.	Number of payments.	Equipment covered.	Cash paid on delivery of equipment.	Deferred payments—		Deferred payments—Interest.
						Original amount.	Amount outstanding.	
Locomotive Trust, Series "C" Geo. H. Church, Trustee.	June 17, 1899.	9 years.	18 semi-annual.	3 locomotives	\$3,649 50	\$43,957 26	\$2,239 32	Interest computed with the principal.

FUNDED DEBT OF THE WISCONSIN CENTRAL RY. CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate per ct.	Interest.		
	Date of issue.	When due.						When payable.	Amount accrued during year.	Amount paid during year.
W. C. R. Co.; 1st Gen. Mort. Bonds.....	July 13, 1889	July 1, 1949	\$27,000,000 00	\$25,435,000 00	\$24,543,000 00	.....	4	Jan. & July	\$50,480 00	\$649,970 00
W. C. R. Co.; 1st Series Bonds.....	Jan. 1, 1877	Jan. 1, 1907	764,500 00	764,500 00	42,000 00	.....	5	Jan. & July	2,100 00	2,100 00
C. W. & M. R. R.; 1st Mort. Bonds.....	Sept. 1, 1855	Mar. 1, 1905	835,000 00	835,000 00	776,030 00	.....	6	Mar. & Sept.	46,560 00	46,560 00
M. & L. W. R. R.; 1st Mort. Bonds.....	Mar. 27, 1887	July 1, 1912	638,000 00	638,000 00	604,000 00	.....	6	Jan. & July	36,240 00	36,240 00
M. & S. E. Div.; P. M. Mort. Bonds.....	May 1, 1901	May 1, 1951	450,000 00	450,000 00	411,000 00	.....	4	May & Nov.	16,661 45	16,680 00
Minneapolis Ter'l; P. M. Mort. Bonds.....	Jan. 1, 1900	Jan. 1, 1950	500,000 00	500,000 00	500,000 00	.....	3 1/2	Jan. & July	17,500 00	17,500 00
Sup.—Dul. Div. Ter'l; 1st Mort. Bonds.....	May 1, 1893	May 1, 1936	8,500,000 00	7,000,000 00	7,000,000 00	\$5,985,000 00	4	May & Nov.	291,546 67	290,000 00
Grand total .....	.....	.....	\$38,688,500 00	\$35,623,500 00	\$33,876,000 00	\$5,985,000 00	.....	.....	\$1,361,068 12	\$1,349,000 00

FUNDED DEBT OF THE NORTHERN PACIFIC RY. CO., JUNE 30, 1902.
A. Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate per cent.	Interest.		
	Date of issue.	When due.						When payable.	Amount accrued during year.	Amount paid during year.
St. P. & N. P. Ry. Co., Gen'l Mgtg. N. P. Ry. Co.:	1883	1923	.....	.....	\$8,021,000	.....	6	Feb., Aug., Jan., Apr., July, Oct., Feb., May, Aug., Nov.	\$481,280 00	\$480,405 00
Prior Lien Mgtg.	1897	1897	\$130,000,000	.....	108,984,500	.....	4	July, Oct., Feb., May, Aug., Nov.	4,207,250 00	4,213,810 00
Gen'l Lien Mgtg.	1897	2047	60,000,000	.....	60,000,000	.....	3	Aug., Nov.	1,773,857 50	1,788,835 00
St. P.-Dul. Div'n Mgtg.	1900	1903	20,000,000	.....	7,402,000	.....	4	June, Dec.	302,140 00	304,060 00
St. P. & Duluth R. R. Co., First Mgtg.	1881	1931	1,000,000	.....	1,000,000	.....	5	Feb., Aug.	50,000 00	49,900 00
Second Mgtg.	1887	1917	2,000,000	.....	2,000,000	.....	5	Apr., Oct.	100,000 00	100,575 00
Third Mgtg.	1887	1917	5,000,000	.....	1,000,000	.....	4	June, Dec.	40,000 00	40,880 00
Payees Falls & Lake Sup'r R. R. Co., First Mgtg.	1884	1914	210,000	.....	210,000	.....	6	Jan., July	12,600 00	12,000 00
Duluth & St. Mary Line Ry., First Mgtg.	1885	1915	500,000	.....	500,000	.....	5	Mch., Sept.	25,000 00	25,825 00
Wash. & Colum. Ry. Ry., First Mgtg.	1885	1885	2,600,000	.....	2,020,000	.....	4	Jan., July	104,900 00	52,340 00
West n R. R. of Minn., Mgtg. ....	.....	.....	.....	.....	All retired	.....	.....	.....	.....	540 00
St. Louis & Dubuque R. R. Mgtg. ....	.....	.....	.....	.....	All retired	.....	.....	.....	.....	21 00
Nor. Pac.-Gt. Nor., joint bonds, ...	1901	1921	222,400,000	215,226,000	107,613,000	.....	4	Jan., Apr., July, Oct.	4,304,520 00	4,304,520 00
Grand total.....	.....	.....	Nor. Pac. R. Ry. Co. Prop'n	.....	297,850,500	.....	.....	.....	\$11,403,427 50	\$11,374,081 00

B.—Equipment Trust Obligations.

Series or other designation.	Date of issue.	Term.	Number of payments.	Equipment covered.	Cash paid on delivery of equipment.	Deferred payments—		Deferred payments—Interest.
						Original amount.	Amount outstanding.	
Locomotive Trust, Series "O" Geo. H. Church, Trustee,.....	June 17, 1899.	9 years.	18 semi-annual.	3 locomotives	\$8,649 50	\$43,957 26	\$2,239 33	Interest computed with the principal.

FUNDED DEBT OF THE WISCONSIN CENTRAL RY. CO., JUNE 30, 1908.
Mortgage Bonds, Miscellaneous Obligations and Income Bonds.

Class of bond or obligation.	Time.		Amount of authorized issue.	Amount issued.	Amount outstanding.	Cash realized on amount issued.	Rate per ct.	Interest.		
	Date of issue.	When due.						When payable.	Amount accrued during year.	Amount paid during year.
W. C. R. Co.; 1st Gen. Mort. Bonds.....	July 13, 1890	July 1, 1949	\$27,000,000 00	\$25,435,000 00	\$24,543,000 00	.....	4	Jan. & July	\$250,480 00	\$949,920 00
W. C. R. R. Co.; 1st Series Bonds.....	Jan. 1, 1873	Jan. 1, 1910	764,500 00	764,500 00	42,000 00	.....	5	Jan. & July	2,100 00	2,100 00
C. W. & M. R. R.; 1st Mort. Bonds.....	Sept. 1, 1855	Mar. 1, 1913	835,000 00	835,000 00	776,000 00	.....	6	Mar. & Sept.	46,560 00	46,560 00
M. & L. W. R. R.; 1st Mort. Bonds.....	Mar. 27, 1882	July 1, 1912	639,000 00	639,000 00	604,000 00	.....	6	Jan. & July	36,240 00	36,240 00
M. & S. F. Div.; P. M. Mort. Bonds.....	May 1, 1901	May 1, 1951	450,000 00	450,000 00	411,000 00	.....	4	May & Nov.	16,651 45	16,680 00
Minneapolis Ter'l; P. M. Mort. Bonds.....	Jan. 1, 1900	Jan. 1, 1950	500,000 00	500,000 00	500,000 00	.....	3½	Jan. & July	17,500 00	17,500 00
Sup.—Dul. Div. Ter'l; 1st Mort. Bonds.....	May 1, 1903	May 1, 1936	8,500,000 00	7,000,000 00	7,000,000 00	\$5,985,000 00	4	May & Nov.	291,546 67	280,000 00
Grand total.....			\$38,688,500 00	\$33,623,500 00	\$33,676,000 00	\$5,985,000 00	.....	.....	\$1,361,068 12	\$1,349,000 00

FUNDED DEBT AND
A Recapitulation of the Funded Debt and Interest Accrued and Paid of Roads

Name of Company.	Mortgage bonds.		Miscellaneous obligations.	
	Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.
Abbotsford & Northeastern	\$112,000 00	\$112,000 00		
Ahnapee & Western	425,000 00	425,000 00		
Ashland, O. & M.				
Bayfield Transfer	1,500,000 00	1,500,000 00		
Big Falls Ry. Co.				
Chi., Mil. & St. P. ¹	30,690,933 90	30,690,933 90		
Chicago & Northwestern ²	28,913,074 91	27,477,865 07	\$15,631,270 00	\$14,308,563 00
Chi., St. P., Mpls. & O.	(³)	13,621,168 83		
Chi., Burlington & Quincy				
Chi., Lake Shore & Eastern				
Chi., Harv. & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Val. & Northern				
Drummond & Southwestern	50,000 00	50,000 00		
Dul., S. S. & Atlantic				
Dul., Sup. & West. Term.	500,000 00	500,000 00		
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western				
Hawthorne, Nebag. & Sup.				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	1,725,139 00	1,725,139 00		
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & West.	408,000 00	408,000 00	58,635 48	3,073 06
La Crosse & Southeastern	750,000 00	750,000 00		
Lake Sup. Term. & Trans.	195,000 00	195,000 00		
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & W.				
Mineral Point & Northern	450,000 00	450,000 00		
Mpls., St. P. & S. Ste. M.	12,534,800 00	11,318,902 00	4297,990 00	303,422 00
Northern Pacific				
Northwestern Coal Ry. Co.	1,000,000 00	220,000 00		
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	500,000 00	500,000 00		
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central				
Wisconsin & Michigan	1,266,045 00	1,266,045 00		
Wisconsin & Northern			512,528 38	512,528 38
Wis., Ruby & Southern				
Waupaca-Green Bay	60,000 00	60,000 00		
Wil., Bay View & Chicago				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$31,080,082 81	\$31,270,053 85	\$16,524,423 95	\$15,087,536 04

¹ Road mileage basis.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

717

INTEREST, WISCONSIN, 1908.

Reporting to the Railroad Commission for the Year Ending June 30, 1908.

Income bonds.		Total funded debt.		Interest.	
Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.	Total amount accrued during year.	Total amount paid during year.
.....	\$112,000 00	\$112,000 00	\$6,720 00	\$6,720 00
.....	425,000 00	425,000 00	21,250 00	21,250 00
.....	1,500,000 00	1,500,000 00	75,000 00	.....
.....
\$127,054 70	\$127,054 70	30,630,983 90	30,630,983 90	1,444,872 79	1,449,983 91
.....	44,701,399 70	41,908,483 87	1,940 890 81	1,962,370 06
.....	(*).....	13,621,168 88	719,729 70	732,989 96
.....
.....
.....	50,000 00	50,000 00	3,000 00	3,000 00
.....
.....	500,000 00	500,000 00	20,000 00	20,000 00
.....
.....
7,600,000 00	7,600,000 00	7,600,000 00	7,600,000 00	65,000 00	65,000 00
.....
.....	1,725,189 00	1,725,189 00	86,256 95	86,256 95
.....
.....	460,635 48	411,072 06	21,021 87	21,021 87
.....	750,000 00	750,000 00	37,500 00	37,500 00
.....	195,000 00	195,000 00	11,700 00	11,700 00
.....
.....	450,000 00	450,000 00	22,500 00	22,500 00
.....	12,832,880 00	11,587,824 00	466,568 10	461,568 98
.....
.....	1,000,000 00	220,000 00	11,000 00	11,000 00
.....
.....	500,000 00	500,000 00	25,000 00	25,000 00
.....
.....	1,266,045 00	1,266,045 00	55,297 00	.....
.....	512,523 38	512,523 38	29,639 10	29,639 10
.....	60,000 00	60,000 00	.....	.....
.....
.....
\$7,737,054 70	\$7,737,054 70	\$105,331,561 46	\$114,084,694 50	\$5,062,446 32	\$4,967,475 32

* Not given.

* Equipment notes.

FUNDED DEBT AND IN
A Recapitulation of the Funded Debt and Interest Accrued and Paid of Roads

Name of Company.	Mortgage bonds.		Miscellaneous obligations.	
	Amount Issued.	Amount outstanding.	Amount Issued.	Amount outstanding.
Abbotsford & N. E....	\$112,000 00	\$112,000 00	.....	.....
Ahnapee & Western ...	425,000 00	425,000 00	.....	.....
Ashland, O. & M. ....	.....	.....	.....	.....
Bayfield Transfer	1,500,000 00	1,500,000 00	.....	.....
Big Falls Ry. Co. ....	.....	.....	.....	.....
C., M. & St. P.	125,079,500 00	125,079,500 00	.....	.....
Chicago & N. W.	118,782,000 00	108,134,000 00	\$31,632,000 00	\$50,289,000 00
Chl., St. P., M. & O.	(¹)	29,884,001 45	.....	.....
Chicago, Burl. & Q.	172,830,000 00	158,449,000 00	24,615,000 00	24,615,000 00
Chl., L. S. & E. ....	.....	.....	\$2,319,000 00	2,065,000 00
Chicago, H. & G. L.	125,000 00	125,000 00	.....	.....
Chl. & Lake Superior..	.....	.....	.....	.....
Chippewa R. & N. ....	.....	.....	.....	.....
Chippewa V. & N. ....	.....	.....	.....	.....
Drummond & S. W.	50,000 00	50,000 00	.....	.....
Duluth, S. S. & A.	20,507,000 00	20,000,000 00	622,783 10	477,013 55
Duluth, S. & W. T.	500,000 00	500,000 00	.....	.....
Dunbar & Wausaukee..	.....	.....	.....	.....
Fairchild & N. E. ....	.....	.....	.....	.....
Great Northern	(¹)	\$233,510,000 00	.....	.....
Green Bay & Western..	.....	.....	.....	.....
Hawthorne, N. & S. ....	.....	.....	.....	.....
Hazelhurst & S. E. ....	.....	.....	.....	.....
Hillsboro & N. E. ....	.....	.....	.....	.....
Illinois Central	81,553,275 00	81,553,275 00	78,266,000 00	78,266,000 00
Iola & Northern .....	.....	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W.	408,000 00	408,000 00	52,635 48	3,072 03
La Crosse & S. E.	750,000 00	750,000 00	.....	.....
Lake Superior T. & T.	195,000 00	195,000 00	.....	.....
Laona & Northern .....	.....	.....	.....	.....
Marathon Co. Ry. Co. ....	.....	.....	.....	.....
Marquette, T. & W. ....	.....	.....	.....	.....
Mineral Point & N.	450,000 00	450,000 00	.....	.....
M., St. P. & S. S. M.	55,205,000 00	53,615,000 00	1,935,000 00	1,743,000 00
Northern Pacific	(¹)	190,237,500 00	(¹)	\$107,615,280 32
N. W. Coal Ry. Co.	1,000,000 00	220,000 00	.....	.....
Oshkosh Transp. Co. ....	.....	.....	.....	.....
R. L. & V. Co., L. Ry. ....	.....	.....	.....	.....
Robbins Ry. Co. ....	.....	.....	.....	.....
Stanley, M. & P.	500,000 00	500,000 00	.....	.....
Superior & S. E. ....	.....	.....	.....	.....
Tomahawk & Eastern..	.....	.....	.....	.....
Whitcomb & Morris ..	.....	.....	.....	.....
Winona Bridge Ry. Co.	884,000 00	334,000 00	.....	.....
Wisconsin Central	35,123,500 00	33,376,000 00	1,621,175 00	1,134,105 00
Wisconsin & Michigan..	(¹)	2,401,000 00	.....	.....
Wisconsin & Northern..	.....	.....	512,528 38	512,528 33
Wisconsin, R. & S. ....	.....	.....	.....	.....
Waupaca-Green Bay ..	60,000 00	60,000 00	.....	.....
Mil., B. V. & C. ....	.....	.....	.....	.....
Wisconsin N. W. ....	.....	.....	.....	.....
Mattoon Ry. Co. ....	.....	.....	.....	.....
Total	\$611,279,275 00	\$1,042,519,275 54	\$171,576,122 05	\$272,719,953 11

¹ Not given.² Equipment trust obligation.

REPORT OF THE RAILROAD COMMISSION.

717

INTEREST, WISCONSIN, 1908.

Reporting to the Railroad Commission for the Year Ending June 30, 1908.

Income bonds.		Total funded debt.		Interest.	
Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.	Total amount accrued during year.	Total amount paid during year.
.....	\$112,000 00	\$112,000 00	\$6,720 00	\$6,720 00
.....	425,000 00	425,000 00	21,250 00	21,250 00
.....	1,500,000 00	1,500,000 00	75,000 00	.....
.....
\$127,054 70	\$127,054 70	30,690,933 90	30,630,933 90	1,444,373 79	1,449,983 91
.....	44,701,399 70	41,908,483 37	1,940 890 81	1,902,370 06
.....	(^a).....	13,621,108 88	719,720 70	732,989 86
.....
.....
.....	50,000 00	50,000 00	3,000 00	3,000 00
.....
.....	500,000 00	500,000 00	20,000 00	20,000 00
.....
.....
7,600,000 00	7,600,000 00	7,600,000 00	7,600,000 00	65,000 00	65,000 00
.....
.....	1,725,139 00	1,725,139 00	86,256 95	86,256 95
.....
.....	400,635 48	411,072 06	21,021 87	21,021 87
.....	750,000 00	750,000 00	37,500 00	37,500 00
.....	195,000 00	195,000 00	11,700 00	11,700 00
.....
.....	450,000 00	450,000 00	22,500 00	22,500 00
.....	13,832,880 00	11,587,324 00	406,568 10	461,568 98
.....
.....	1,000,000 00	220,000 00	11,000 00	11,000 00
.....
.....	500,000 00	500,000 00	25,000 00	25,000 00
.....
.....
.....	1,266,045 00	1,266,045 00	55,297 00	.....
.....	512,528 38	512,528 38	29,639 10	29,639 10
.....	60,000 00	60,000 00	.....	.....
.....
.....
\$7,737,064 70	\$7,737,064 70	\$105,331,561 46	\$114,084,694 50	\$5,062,446 32	\$4,967,475 82

^a Not given.

^b Equipment notes.

FUNDED DEBT AND IN
A Recapitulation of the Funded Debt and Interest Accrued and Paid of Roads

Name of Company.	Mortgage bonds.		Miscellaneous obligations.	
	Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.
Abbotsford & N. E....	\$112,000 00	\$112,000 00	.....	.....
Ahnapee & Western ...	425,000 00	425,000 00	.....	.....
Ashland, O. & M. ....	.....	.....	.....	.....
Bayfield Transfer	1,500,000 00	1,500,000 00	.....	.....
Big Falls Ry. Co. ....	.....	.....	.....	.....
C., M. & St. P.	125,679,500 00	125,679,500 00	.....	.....
Chicago & N. W.	113,782,000 00	108,184,000 00	\$31,632,000 00	\$56,389,000 00
Chi., St. P., M. & O.	(¹)	29,834,091 45	.....	.....
Chicago, Burl. & Q.	172,880,000 00	158,449,000 00	24,615,000 00	24,615,000 00
Chi., L. S. & E. ....	.....	.....	22,319,000 00	2,065,000 00
Chicago, H. & G. L.	125,000 00	125,000 00	.....	.....
Chi. & Lake Superior..	.....	.....	.....	.....
Chippewa R. & N. ....	.....	.....	.....	.....
Chippewa V. & N. ....	.....	.....	.....	.....
Drummond & S. W.	50,000 00	50,000 00	.....	.....
Duluth, S. S. & A.	20,507,000 00	20,000,000 00	622,783 10	477,013 35
Duluth, S. & W. T.	500,000 00	500,000 00	.....	.....
Dunbar & Wausaukee..	.....	.....	.....	.....
Fairchild & N. E. ....	.....	.....	.....	.....
Great Northern	(¹)	\$233,510,000 00	.....	.....
Green Bay & Western..	.....	.....	.....	.....
Hawthorne, N. & S. ....	.....	.....	.....	.....
Hazelhurst & S. E. ....	.....	.....	.....	.....
Hillsboro & N. E. ....	.....	.....	.....	.....
Illinois Central	81,558,275 00	81,558,275 00	78,266,000 00	78,266,000 00
Iola & Northern .....	.....	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W.	408,000 00	408,000 00	52,635 48	3,072 03
La Crosse & S. E.	750,000 00	750,000 00	.....	.....
Lake Superior T. & T.	195,000 00	195,000 00	.....	.....
Laona & Northern .....	.....	.....	.....	.....
Marathon Co. Ry. Co..	.....	.....	.....	.....
Marinette, T. & W. ....	.....	.....	.....	.....
Mineral Point & N.	450,000 00	450,000 00	.....	.....
M., St. P. & S. S. M. ...	55,295,000 00	58,615,000 00	1,935,000 00	1,743,000 00
Northern Pacific	(¹)	190,237,500 00	(¹)	\$107,615,230 32
N. W. Coal Ry. Co.	1,000,000 00	220,000 00	.....	.....
Oshkosh Transp. Co. ....	.....	.....	.....	.....
R. L. & V. Co., L. Ry.	.....	.....	.....	.....
Robbins Ry. Co. ....	.....	.....	.....	.....
Stanley, M. & P.	500,000 00	500,000 00	.....	.....
Superior & S. E. ....	.....	.....	.....	.....
Tomahawk & Eastern..	.....	.....	.....	.....
Whitcomb & Morris ..	.....	.....	.....	.....
Winona Bridge Ry. Co.	384,000 00	384,000 00	.....	.....
Wisconsin Central	35,123,500 00	33,376,000 00	1,621,175 00	1,134,105 00
Wisconsin & Michigan.	(¹)	2,401,000 00	.....	.....
Wisconsin & Northern..	.....	.....	512,528 38	512,528 33
Wisconsin, R. & S. ....	.....	.....	.....	.....
Waupaca-Green Bay ..	60,000 00	60,000 00	.....	.....
Mil., B. V. & C. ....	.....	.....	.....	.....
Wisconsin N. W. ....	.....	.....	.....	.....
Mattoon Ry. Co. ....	.....	.....	.....	.....
Total	\$611,279,275 00	\$1,042,519,275 54	\$171,576,122 05	\$272,719,953 11

¹ Not given.² Equipment trust obligation.

TERREST, WHOLE LINE, 1908.

Reporting to the Railroad Commission for the Year Ending June 30, 1908.

Income bonds.		Total funded debt.		Interest.	
Amount issued.	Amount outstanding.	Amount issued.	Amount outstanding.	Total amount accrued during year.	Total amount paid during year.
.....	\$112,000 00	\$112,000 00	\$6,720 00	\$6,720 00
.....	425,000 00	425,000 00	21,250 00	21,250 00
.....	1,500,000 00	1,500,000 00	75,000 00	.....
.....	125,679,500 00	125,679,500 00	5,916,700 00	5,987,490 00
\$500,000 00	\$500,000 00	175,914,000 00	164,923,000 00	7,502,172 00	7,587,150 83
.....	(1)	22,834,001 45	1,571,017 16	1,408,020 75
.....	197,495,000 00	133,064,000 00	7,123,009 33	6,966,890 42
.....	2,319,000 00	2,065,000 00	108,416 67	102,750 00
.....	125,000 00	125,000 00	6,250 00	.....
.....
.....	50,000 00	50,000 00	3,000 00	3,000 00
3,000,000 00	3,000,000 00	24,129,783 19	23,477,013 35	850,700 00	255,430 00
.....	500,000 00	500,000 00	20,000 00	20,000 00
.....	(1)	233,510,900 09	9,121,630 93	9,157,089 93
7,600,000 00	7,600,000 00	7,600,000 00	7,600,000 00	65,000 00	65,000 00
.....
.....	159,819,275 00	159,819,275 00	4,563,490 00	5,850,193 75
.....
.....	480,635 48	411,072 08	21,021 87	21,011 87
.....	750,000 00	750,000 00	37,500 00	37,500 00
.....	195,000 00	195,000 00	11,700 00	11,700 00
.....
.....	450,000 00	450,000 00	22,500 00	22,500 00
.....	57,230,000 00	55,378,000 00	2,234,190 00	2,204,410 00
.....	(1)	297,852,739 32	11,408,427 50	11,374,091 00
.....	1,000,000 00	220,000 00	11,000 00	11,000 00
.....
.....	500,000 00	500,000 00	25,000 00	25,000 00
.....
.....	334,000 00	334,000 00	19,200 00	19,200 00
.....	36,744,675 00	34,510,105 00	1,389,324 01	1,377,455 03
.....	(1)	2,401,000 00	105,500 00	.....
.....	512,528 38	512,528 38	29,639 10	29,639 10
.....	60,000 00	60,000 00	.....	.....
.....
.....
\$11,100,000 00	\$11,100,000 00	\$798,955,397 05	\$1,326,339,233 65	\$52,200,448 57	\$52,291,651 82

* Includes miscellaneous obligations.

* Including \$2,239.32 equipment trust obligations.

RECAPITULATION,
Showing Capital Stock, Bonds and Other

Name of Company.	Capital stock.	Bonds.	Equipment trust obligations.	Current liabilities.
Abbotsford & Northeastern.	\$120,000 00	\$112,000 00	.....	.....
Ahnapee & Western	439,500 00	425,000 00	.....	.....
Ashland, Odanah & M.	100,000 00	.....	.....	.....
Bayfield Transfer	1,075,400 00	1,500,000 00	.....	.....
Big Falls Ry. Co. ....	.....	.....	.....	.....
Chi., Milw. & St. Paul ¹ ..	32,565,120 00	30,600,933 00	.....	.....
Chicago & Northwestern ² ..	31,619,200 04	41,903,433 37	.....	\$2,002,023 86
Chi., St. P., Mpls. & O.	15,520,047 71	13,021,168 83	.....	.....
Chicago, Burlington & Q. ....	.....	.....	.....	.....
Chicago, Lake Shore & E. ....	.....	.....	.....	.....
Chicago, Harvard & G. L. ....	.....	.....	.....	.....
Chicago & Lake Superior .....	.....	.....	.....	.....
Chippewa R. & Northern .....	.....	.....	.....	.....
Chippewa V. & Northern	53,000 00	100,000 00	.....	26,900 00
Drummond & S. W.	10,000 00	50,000 00	.....	.....
Duluth, S. S. & Atlantic .....	.....	.....	.....	.....
Duluth, Superior & W. T.	2,000,000 00	500,000 00	.....	.....
Dunbar & Wausaukee .....	.....	.....	.....	.....
Fairchild & Northeastern	500 00	.....	.....	.....
Great Northern .....	.....	.....	.....	.....
Green Bay & Western	2,500,000 00	7,000,000 00	.....	.....
Hawthorne, Nebag. & S. ....	.....	.....	.....	.....
Hazelhurst & Southeastern.	100,000 00	.....	.....	.....
Hillsboro & Northeastern	49,470 00	.....	.....	4,300 00
Illinois Central .....	.....	1,725,139 00	.....	.....
Iola & Northern	71,400 00	.....	.....	.....
J. R. Davis L. Co., L. Ry. ....	.....	.....	.....	.....
Kewaunee, G. B. & W.	664,950 00	408,000 00	\$3,072 06	.....
La Crosse & S. E.	105,400 00	750,000 00	.....	36,009 71
Lake Superior T. & T.	215,400 00	195,000 00	.....	33,224 20
Laona & Northern	50,000 00	.....	.....	.....
Marathon County Ry. Co.	40,000 00	.....	.....	.....
Marquette, Tomahawk & W.	101,500 00	.....	.....	415,722 84
Mineral Point & Northern	550,000 00	450,000 00	.....	.....
Mpls., St. P. & S. Ste. M.	3,575,957 00	11,318,902 00	203,422 00	395,042 29
Northern Pacific .....	.....	.....	.....	.....
Northwestern Coal Ry. Co.	1,000,000 00	794,000 00	.....	933 49
Oshkosh Transportation Co.	70,000 00	.....	.....	.....
Roddie L. & V. Co., L. Ry. ....	.....	.....	.....	.....
Robbins Ry. Co. ....	.....	.....	.....	.....
Stanley, Merrill & P.	100,000 00	500,000 00	.....	32,588 82
Superior & Southeastern	50,000 00	.....	.....	.....
Tomahawk & Eastern .....	.....	.....	.....	.....
Whitecomb & Morris	10,000 00	.....	.....	.....
Winona Bridge Ry. Co. ....	.....	.....	.....	.....
Wisconsin Central .....	.....	.....	.....	.....
Wisconsin & Michigan.	465,500 00	1,266,045 00	.....	.....
Wisconsin & Northern	700,000 00	498,170 00	14,357 78	81,716 66
Wisconsin, R. & Southern .....	.....	.....	.....	.....
Waupaca-Green Bay	60,920 00	60,000 00	.....	.....
Milw., Bay View & Chi.	100,000 00	.....	.....	.....
Wisconsin Northwestern	300,000 00	.....	.....	25,470 39
Mattoon Ry. Co.	4,000 00	.....	.....	45,257 82
Total	\$95,052,324 81	\$114,472,842 75	\$285,851 81	\$3,099,156 08

¹ Road mileage basis.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

721

WISCONSIN, 1908.

Obligations, Current Liabilities, Etc.

Total amount outstanding.	Apportionment.		Total amount per mile of road.	
	To railroads.	To other properties.	Miles.	Total amount.
\$232,000 00	\$232,000 00		15.16	\$15,303 00
84,500 00	84,500 00		34.00	25,426 47
100,000 00	100,000 00		24.00	4,108 07
3,175,400 00	3,175,400 00		3.86	822,662 00
63,253,053 96	63,253,053 96		1,774.12	35,654 76
75,529,772 27	75,529,772 27		1,914.45	39,452 46
29,141,216 59	29,141,216 59		756 61	38,515 50
184,900 00	184,900 00		19.32	9,470 38
60,000 00	60,000 00		8.18	7,334 94
2,500,000 00	*2,500,000 00		6.20	403,225 81
500 00	500 00		38.00	13 16
10,100,000 00	10,100,000 00		225.00	44,889 00
100,000 00	100,000 00		11.00	9,090 90
53,670 00	53,670 00		5.00	10,734 00
1,725,139 00	1,725,139 00		91.31	18,836 21
71,400 00	71,400 00		4.70	15,191 00
1,076,022 06	1,076,022 06		36.70	29,319 41
891,409 71	891,409 71		40.81	21,843 13
443,624 20	443,624 20		20.61	21,524 70
50,000 00	50,000 00		16.00	3,125 00
40,000 00	40,000 00		20.25	1,975 25
577,222 84	577,222 84		43.77	13,187 08
1,000,000 00	1,000,000 00		26.40	37,879 00
15,558,323 29	15,558,323 29		353.01	44,073 12
1,794,993 49	1,220,993 49	\$574,000 00	8.00	152,624 18
70,000 00	70,000 00		4.64	15,086 21
632,583 82	632,583 82		48.97	12,918 00
50,000 00	50,000 00		28.30	1,766 79
10,000 00	10,000 00		6.00	1,666 66
1,731,595 00	1,731,595 00		101.89	33,547 33
1,294,245 04	1,294,245 04		43.37	29,841 94
120,920 00	120,920 00		9.85	12,274 14
100,000 00	100,000 00		19.42	5,149 33
325,470 39	325,470 39		23.00	14,150 89
49,257 82	49,257 82		29.36	1,677 73
\$212,910,224 48	\$212,336,224 48	\$574,000 00	5,811.26	\$1,971,683 94

* To ore docks and connecting railroads.

* \$468,000.00 one year notes; \$30,170.00 real estate mortgages.

**RECAPITULATION,
Showing Capital Stock, Bonds and Other**

Name of Company.	Capital stock.	Bonds.	Equip- ment trust obli- gations.	Current liabilities.
Abbotsford & N. E.....	\$120,000 00	\$112,000 00		
Ahnapee & Western.....	439,500 00	425,000 00		
Ashland, Odanah & M.....	100,000 00			
Bayfield Transfer.....	1,675,400 00	1,500,000 00		
Big Falls Ry. Co.....				
Chi., M. & St. P.....	133,351,300 00	125,679,500 00		
Chicago & N. W.....	124,431,687 53	164,923,000 00		\$7,878,610 23
C., St. P. M. & O.....	34,050,126 62	29,834,071 45		
Chicago, Burl. & Q.....	110,839,100 00	183,064,000 00		
Chicago, L. S. & E.....	2,700,000 00		\$2,065,000 00	1,642,312 13
Chicago, H. & G. L.....	150,000 00	125,000 00		89,263 44
Chicago & L. S.....				
Chippewa R. & N.....				
Chippewa V. & N.....	58,000 00	100,000 00		26,900 00
Drummond & S. W.....	10,000 00	50,000 00		
Duluth, S. S. & Atl.....	22,000,000 00	23,000,000 00	477,013 35	5,115,455 40
Duluth, Sup. & W. T.....	2,000,000 00	500,000 00		
Dunbar & Wausaukee.....				
Fairchild & N. E.....	500 00			
Great Northern.....	209,962,750 00	205,063,939 89		
Green Bay & Western.....	2,500,000 00	7,000,000 00		
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....	100,000 00			
Hillsboro & N. E.....	49,470 00			4,300 00
Illinois Central.....	95,040,000 00	111,533,275 00		
Iola & Northern.....	71,400 00			
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....	664,950 00	408,000 00	3,072 06	
La Crosse & S. E.....	105,400 00	750,000 00		36,000 71
Lake Superior T. & T.....	215,400 00	195,000 00		38,284 20
Laona & Northern.....	50,000 00			
Marathon Co. Ry. Co.....	40,000 00			
Marquette, T. & W.....	161,500 00			415,722 84
Mineral Point & N.....	550,000 00	450,000 00		
Mpls., St. P. & S. S. M.....	23,220,500 00	53,615,000 00	1,743,000 00	2,565,203 72
Northern Pacific.....	217,831,835 97	297,850,500 00	2,239 32	21,724,191 62
N. W. Coal Ry. Co.....	1,000,000 00	794,000 00		963 49
Oshkosh Transp. Co.....	70,000 00			
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....	30,000 00			
Stanley, Merrill & P.....	100,000 00	500,000 00		32,588 82
Superior & S. E.....	50,000 00			
Tomahawk & Eastern.....				
Whitcomb & Morris.....	10,000 00			
Winona Bridge Ry. Co.....	400,000 00	384,000 00		447 62
Wisconsin Central.....	30,000,000 00	33,876,000 00	634,105 00	
Wisconsin & Michigan.....	951,500 00	2,401,000 00		
Wisconsin & Northern.....	700,000 00	2498,170 60	14,337 78	81,716 06
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....	60,020 00	60,000 00		
Milwaukee, B. V. & C.....	100,000 00			
Wisconsin Northwestern.....	300,000 00			25,470 39
Mattoon Ry. Co.....	4,000 00			45,257 82
Total	\$1,016,378,238 12	\$1,245,366,476 44	\$4,938,787 51	\$39,708,682 03

¹ To ore docks and connecting railroads.

² Exclusive of collateral trust bonds.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

Obligations, Current liabilities, Etc.

Total amount outstanding.	Apportionment.		Total amount per mile of road.	
	To railroads.	To other properties.	Miles.	Total amount.
\$232,000 00	\$232,000 00	.....	15.16	\$15,303 00
804,500 00	804,500 00	.....	34.00	25,426 47
100,000 00	100,000 00	.....	24.00	4,166 67
3,175,400 00	3,175,400 00	.....	3.68	822,642 00
.....
250,033,800 00	250,033,800 00	.....	7,281.06	35,551 83
297,233,295 76	297,233,295 76	.....	7,533.96	39,452 46
63,934,218 07	63,934,218 07	.....	1,650.97	38,515 29
298,908,100 00	298,908,100 00	.....	8,809.09	33,563 02
6,467,312 13	6,467,312 13	.....	254.71	25,390 83
355,366 44	355,366 44	.....	11.61	30,608 68
.....
184,900 00	184,900 00	.....	19.32	9,470 18
60,000 00	60,000 00	.....	8.18	7,334 94
50,592,468 75	50,592,468 75	.....	538.20	86,012 36
2,500,000 00	2,500,000 00	.....	6.20	403,225 81
.....
500 00	500 00	.....	38.00	13 16
415,031,089 39	300,981,236 39	\$114,100,453 00	6,635.01	45,014 00
10,100,000 00	10,100,000 00	.....	225.00	44,839 00
.....
100,000 00	100,000 00	.....	11.00	9,070 10
53,670 00	53,670 00	.....	5.00	10,734 00
206,568,275 00	206,568,275 00	.....	2,538.77	81,375 03
71,400 00	71,400 00	.....	4.70	15,191 00
.....
1,076,022 06	1,076,022 06	.....	36.70	29,319 41
891,409 71	891,409 71	.....	40.81	21,843 13
443,624 20	443,624 20	.....	20.61	21,524 70
.....
50,000 00	50,000 00	.....	16.00	3,125 00
40,000 00	40,000 00	.....	20.25	1,975 25
577,222 84	577,222 84	.....	43.77	13,187 68
1,000,000 00	1,000,000 00	.....	26.40	37,879 00
81,143,709 72	81,143,709 72	.....	2,230.29	35,441 62
.....
537,458,771 91	537,458,771 91	.....	6,120.58	87,668 50
1,794,998 49	1,220,993 49	574,000 00	8.00	152,634 18
70,000 00	70,000 00	.....	4.64	15,083 21
.....
30,000 00	30,000 00	.....	28.00	1,071 43
.....
632,588 82	632,588 82	.....	48.97	12,918 07
50,000 00	50,000 00	.....	23.30	1,766 79
.....
10,000 00	10,000 00	.....	6.00	1,806 16
784,417 62	784,417 62	.....	1.03	761,612 00
.....
64,510,105 00	64,510,105 00	.....	1,193.15	54,007 65
3,352,500 00	3,352,500 00	.....	125.46	26,722 07
1,294,245 04	1,294,245 04	.....	43.37	20,811 92
.....
120,920 00	120,920 00	.....	9.85	12,274 14
.....
100,000 00	100,000 00	.....	19.42	5,149 33
325,470 39	325,470 39	.....	23.00	14,150 89
49,257 82	49,257 82	.....	29.36	1,677 72
\$2,306,392,184 16	\$2,191,717,731 16	\$114,674,453 00	\$45,954.61	\$3,125,367 93

^a \$468,000.00 one year notes; \$30,170.00 real estate mortgages.^b Amount shown for mileage owned only.

CURRENT ASSETS AND
Cash and Current Assets Available

Name of Company.	Cash.	Bills receivable.	Due from agents.	Net traffic balance due from other companies.
Abbotsford & N. E.	\$2,871 86	.....	\$209 15	.....
Ahnapee & Western....	83,016 43	.....	1,344 81	\$1,244 50
Ashland, Odanah & M. ....	.....	.....	.....	4,819 67
Bayfield Transfer	464 09	.....	.....	.....
Big Falls Ry. Co. ....	.....	.....	.....	.....
Chi., Mil. & St. P.	8,893,550 88	\$61,000,368 80	1,688,246 08	795,977 81
Chicago & Northwestern	11,506,242 61	166,796 85	2,176,597 86	.....
Chi., St. P., M. & O.	686,962 84	6,019 54	390,915 55	118,106 78
Chi., Burlington & Q.	5,273,702 21	854,245 86	.....	1,451,117 68
Chi., Lake Shore & E.	91,743 09	.....	27,942 70	561,682 54
Chi., Harv. & Geneva L. ....	.....	.....	.....	.....
Chicago & Lake Superior	265 72	65 00	.....	.....
Chippewa R. & Northern	.....	.....	.....	.....
Chippewa V. & Northern	.....	.....	.....	.....
Drummond & Southw'n	.....	.....	.....	.....
Dul., S. S. & Atlantic..	32,158 28	.....	65,004 45	126,900 27
Dul., Sup. & West. T.	9,866 19	.....	.....	.....
Dunbar & Wausaukee. ....	.....	.....	.....	.....
Fairchild & Northeastern	.....	.....	.....	.....
Great Northern	11,688,802 20	3,439,900 27	1,810,222 74	102,167 27
Green Bay & Western...	163,631 78	29,668 52	12,856 25	22,019 13
Haw., Nebag. & Sup. ....	.....	.....	.....	.....
Hazelnurst & S. E.	3,117 50	.....	.....	821 57
Hillsboro & N. E. ....	.....	.....	.....	.....
Illinois Central	1,589,723 81	468,828 14	1,708,396 32	.....
Iola & Northern	10,897 21	.....	172 54	22 68
J. R. Davis L. Co., L. R. ....	.....	.....	.....	.....
Kewaunee, G. B. & W.	95,249 89	.....	6,299 65	4,091 11
La Crosse & S. E.	2,349 35	.....	488 23	.....
Lake Sup. Term. & T.	21,195 79	.....	400 00	.....
Laona & Northern .....	.....	.....	.....	.....
Marathon Co. Ry. Co. ....	.....	.....	.....	.....
Marquette, T. & W.	17,709 27	.....	6,645 29	.....
Mineral Point & N.	9,626 76	.....	2,100 88	907 25
M., St. P. & S. Ste. M.	1,640,754 67	337 45	366,489 97	278,570 09
Northern Pacific	34,900,794 91	191,118 18	830,721 20	.....
N. W. Coal Ry. Co.	209 29	.....	.....	.....
Oshkosh Trans. Co.	929 92	.....	.....	.....
Roddie L. & V. Co. L. R. ....	.....	.....	.....	.....
Robbins Ry. Co. ....	.....	.....	.....	.....
Stanley, Merrill & Phil.	2,702 64	.....	249 28	272 83
Superior & Southeastern	3,415 15	.....	.....	.....
Tomahawk & Eastern .....	.....	.....	.....	.....
Whitcomb & Morris .....	.....	.....	.....	.....
Winona Bridge Ry. Co.	26,765 55	.....	.....	5,264 30
Wisconsin Central	1,291,477 50	.....	464,735 19	.....
Wisconsin & Michigan..	21,528 84	250 00	1,895 73	4,841 79
Wisconsin & Northern ..	1,588 87	.....	2,905 78	86 01
Wis., Ruby & Southern	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	.....
Mill., Bay View & Chi. ....	.....	.....	.....	.....
Wisconsin Northwestern	3,076 16	.....	.....	4,888 75
Mattoon Ry. Co.	4,664 18	.....	86 68	.....
Total	\$77,516,492 00	\$66,812,568 11	\$6,568,828 18	\$6,456,155 83

¹ Due from United States government and trust companies.

LIABILITIES, WHOLE LINE, 1908.
for Payment of Current Liabilities.

Due from solvent companies and individuals.	Other cash assets (except "material and supplies.")	Balance— current liabilities.	Total.	Material and supplies on hand.
\$587 18			\$3,618 19	
765 73			36,371 47	
11,106 77			15,416 34	
5,937 95		\$1,058,171 65	1,064,573 69	
649,453 58			72,577,596 05	\$6,325,634 07
218,101 00	\$518,849 43		14,586,027 25	5,221,330 77
		1,000,996 25	2,213,000 91	1,038,163 48
3,514,235 55	65,837 56		11,158,088 83	6,415,009 02
		970,993 80	1,642,312 13	322,124 57
	150 00		480 72	150 00
1,634 06		169,688 16	171,322 24	324 46
246,648 81		5,115,455 40	5,585,171 21	371,045 54
22,233 84		1,067,722 94	1,119,322 97	
2,220,832 30			19,261,474 78	8,217,723 24
4,745 18			232,447 86	8,800 27
		53,523 13	53,523 13	
908 06			4,937 23	
5,118,412 13	2,077,668 92	25,573,058 19	36,511,067 51	
60 75			10,653 18	
1,047 41	837 06		107,575 12	
66,324 89			69,062 47	5,932 15
1,276 86	11,700 00		34,572 65	2,726 08
751 26		390,617 02	415,722 84	12,176 38
2,496 10	313 48	61,365 49	70,800 91	545 70
422,056 80			2,708,308 98	1,258,636 68
6,149,816 92	30,563,496 70		72,635,949 91	6,113,348 17
70,258 31			70,467 80	600 28
810 00			1,739 92	
755 98		32,588 82	36,569 50	4,871 36
4,680 88			8,096 03	
			32,029 85	
188,515 04	631,179 25		2,575,000 08	546,277 99
26,763 85	790,873 95	916,227 18	1,747,833 06	12,573 01
		81,716 66	85,096 97	40,500 00
		18,010 48	25,470 39	3,592 55
		45,257 82	50,008 53	2,731 89
\$18,951,297 16	\$34,649,008 37	\$36,573,392 90	\$216,921,737 64	\$15,933,554 26

* Credit.

CURRENT ASSETS AND LIABILITIES,
Current Liabilities Accrued to

Name of Company.	Loans and bills payable.	Audited vouchers and accounts.	Wages and salaries.	Net traffic balances due to other companies.
Abbotsford & N. E.....		\$438 15		\$51 20
Ahnapee & Western		168 66	\$1,651 16	5,090 88
Ashland, Odanah & M.....		4,527 87		
Bayfield Transfer	\$45,853 80	157,702 45		
Big Falls Ry. Co.....				
Chl., Milw. & St. P.....		2,692,767 02	2,715,796 62	
Chicago & Northwestern		1,152,724 12	2,082,970 86	446,283 48
C., St. P., Mpls. & O.....		310,127 61	386,141 05	385,770 29
Chicago, Burl. & Q.....		3,630,842 66	2,524,771 24	539,710 73
Chl., Lake Shore & E.....		382,372 74	143,738 24	153,178 70
Chl., Harv. & G. L.....				
Chl. & Lake Superior	210 20		185 00	
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....		171,322 24		
Duluth, S. S. & Atlantic	313,427 11	177,442 48	137,386 97	158,950 47
Duluth, Sup. & W. T.....		1,109,283 17	39 80	
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern		3,366,625 10	2,423,494 32	
Green Bay & Western		24,451 08	16,500 06	4,504 46
Hawthorne, N. & S.....				74 52
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	23,590,000 00	8,406,492 52	2,062,303 03	195,165 26
Iola & Northern		2 75	277 10	1,204 34
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....	3,072 06	2,555 14	3,683 10	1,949 20
La Crosse & S. E.....	25,000 00	9,870 17		890 54
Lake Superior T. & T.....		6,764 09	6 40	
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....	399,182 79	4,829 34	1,608 81	10,101 00
Mineral Point & N.....	67,793 65	7,838 84	1,187 42	
M., St. P. & S. S. M.....		842,894 54	452,000 10	
Northern Pacific		4,006,194 57	2,369,525 45	91,858 71
N. W. Coal Ry. Co.....		933 49		
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	29,000 00	1,508 11	2,196 56	1 61
Superior & S. E.....				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.....		417 62		
Wisconsin Central		415,595 56	266,281 81	52,079 95
Wisconsin & Michigan	128,362 55	52,799 29	16,448 05	
Wisconsin & Northern	32,555 55	47,085 53	3,785 19	1,370 65
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Mil., Bay View & Chl.....				
Wisconsin Northwestern		27 79	850 00	114 80
Mattoon Ry. Co.....	50,000 00			8 18
Total	\$24,684,457 71	\$26,987,594 35	\$15,572,928 36	\$2,068,958 86

¹ Including \$3,934,236.00 dividends declared, payable July 1, 1908.

² Including \$1,043,455.00 dividends, payable Aug. 20, 1908.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908—Concluded.
and including June 30, 1908.

Dividends not called for.	Matured interest cou- pons unpaid (including coupons due July 1).	Rentals due July 1.	Miscellane- ous.	Balance — cash assets.	Total.
			\$235 02	\$2,802 92	\$3,018 19
			1,566 67	27,294 10	36,371 47
				10,883 47	17,416 34
	\$960,192 92		824 52		1,064,573 09
\$40,178 00	2,702,005 00		73 16	64,426,781 85	71,577,556 65
13,936,279 75	268,102 02	\$15,000 00	29,250 00	6,707,417 03	14,586,027 25
3,547 00	65,553 50	8,208 46	1,043,655 00		2,218,000 91
3,460 00	2,239,793 00		174,043 75	2,046,069 46	11,158,638 88
			938,022 45		1,642,312 13
				85 52	430 72
					171,322 24
	4,797,955 18				5,537,171 21
	10,000 00				1,119,322 97
	1,648,817 23	10,000 00	1,224 03	11,911,234 13	19,261,474 18
			87,791 63	99,200 61	232,447 86
			53,448 61		53,523 13
				4,937 22	4,937 22
22,219 20	1,122,572 50	200,000 00	922,335 00		36,511,087 51
			200 00	8,963 99	10,653 18
	800 00		50,543 61	44,072 01	107,575 12
		250 00		33,052 76	69,062 47
	11,700 00		14,753 11	1,343 45	34,512 65
					415,722 84
1,765 00	1,045,360 00		222,630 03	187,999 26	2,703,208 98
2,714,354 50	1,170,825 75		11,371,437 64	50,911,753 29	72,635,949 91
				69,474 11	70,467 60
				1,739 92	1,739 92
			3,773 22		36,509 50
				8,066 03	8,066 03
				21,582 23	32,079 85
	510,815 00			1,331,124 06	2,575,906 93
	718,425 00		831,788 77		1,747,833 06
					85,000 97
24,977 80					25,470 39
			40		50,003 78
\$6,746,776 25	\$17,170,953 10	\$233,453 46	\$15,772,652 54	\$137,716,903 01	\$346,924,737 04

* Equipment replacement account.

PERMANENT
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Wisconsin.			Credits. property and material sold and de- ductions.
	Expenditures.			
	For construction	For equipment.	Total.	
Abbotsford & Northeastern.				
Ahnapee & Western				
Ashland, Odanah & Marengo		\$282 36	\$282 36	
Bayfield Transfer	\$50 04	32 00	91 04	\$ 0 (2)
Big Falls Ry. Co.				
Chl., Milwaukee & St. Paul	1653,870 70	1481,204 06	11,135,074 76	
Chicago & Northwestern	11,785,542 73	1279,469 45	12,065,012 18	¹ \$24,312 96
Chl., St. P., Mpls. & O. ⁷	1168,968 28	1243,929 08	1412,891 81	169,717 18
Chicago, Burl. & Quincy	80,232 41	(³)	80,232 41	
Chicago, L. S. & Eastern				
Chicago, Harv. & G. L.				
Chicago & Lake Superior				
Chippewa R. & Northern	11,630 00		11,630 00	
Chippewa V. & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atl.				
Duluth, Superior & W. T.	411,223 00		411,223 00	
Dunbar & Wausaukee				
Fairchild & Northeastern	22,680 98		22,680 98	
Great Northern ⁷				
Green Bay & Western				
Hawthorne, Nebag. & Sup.	436,267 46	44,225 65	480,493 11	
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central ⁷	2,490 20		2,490 20	
Iola & Northern				
J. R. Davis L. Co., L. Ry.		5,289 14	5,289 14	
Kewanee, G. B. & W.				
La Crosse & Southeastern	15,140 70	2,302 87	17,443 57	
Lake Superior T. & T.	25,020 68	27,300 67	52,321 35	
Laona & Northern	114 75	1,064 77	1,179 52	
Marathon County Ry. Co.				
Marquette, Tomahawk & W.				
Mineral Point & Northern	1,334 13		1,334 13	
Mpls., St. P. & S. Ste. M.	6,472 53	2,020 40	8,492 93	
Northern Pacific ⁷				
Northwestern Coal Ry. Co.	1,743 52		1,743 52	
Oshkosh Transp. Co.				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	5,306 59	6,865 68	12,172 27	7,947 23
Superior & Southeastern	39,666 14	3,575 99	43,242 13	
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central				
Wisconsin & Michigan	787 96	43,242 05	42,454 09	
Wisconsin & Northern	279,149 80	30,475 00	309,624 80	
Wisconsin, Ruby & S.	350 19		350 19	
Milwaukee, B. V. & Chl.	478,000 00	452,000 00	4130,000 00	
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$3,397,571 46	\$1,024,343 72	\$4,421,915 18	\$112,488 07

¹ Proportional.² Sinking fund bonds of 1879, retired and credited cost of road.³ Amount for equipment not given.⁴ Credit.

REPORT OF THE RAILROAD COMMISSION.

729

IMPROVEMENTS, 1908.

Railroad Commission for the Year Ending June 30, 1908.

	Whole line.				
Difference or net additions to property.	Expenditures.			Credits, property and material sold and de- ductions.	Difference or net ad- ditions to property.
	For construction.	For equipment.	Total.		
\$282 36 90 42	\$59 04	\$282 36 32 00	\$282 36 91 04	\$10 62	\$282 36 80 42
11,135,074 78	2,677,006 18	1,970,582 60	4,648,135 78		4,648,135 78
12,080,199 80	7,026,669 56	1,069,791 76	8,126,469 32	\$137,000 00	7,939,469 32
1343,174 13	430,034 56	535,166 80	955,201 36	152,534 95	802,666 41
*80,282 41	9,551,439 75	3,909,175 48	13,550,615 23		13,550,615 23
	2,963,504 95	4,682,289 61	7,645,794 56		7,645,794 56
	861 31	*4,005 50	*3,144 19		*3,144 19
11,630 60	11,630 00		11,630 60		11,630 00
	96,811 37		96,811 37	12,300 00	84,501 03
411,223 90	411,223 90		411,223 90		411,223 90
22,639 98	22,689 98		22,639 98		22,689 98
	*223,800,325 01	26,470,948 96	*250,301,773 97		*250,301,773 97
*40,493 11	*36,267 46	*4,225 65	*40,493 11		*40,433 11
2,400 20	8,323,000 78	5,796,836 43	14,119,946 21		14,119,946 21
5,289 14		5,289 14	5,289 14		5,289 14
17,443 57	15,140 70	2,302 87	17,443 57		17,443 57
52,321 35	25,000 68	27,300 67	52,321 35		52,321 35
1,179 52	114 75	1,064 77	1,179 52		1,179 52
1,334 13	1,334 13		1,334 13		1,334 13
8,492 93	6,969,657 99	13,119 52	6,982,777 51		6,982,777 51
	20,479,375 30	2,346,227 82	22,825,003 21	*271,834 93	23,097,483 19
1,743 52	1,743 52		1,743 52		1,743 52
4,224 98	5,306 59	6,865 68	12,173 27	7,947 29	4,224 98
43,242 13	39,666 14	3,575 99	43,242 13		43,242 13
	3,218,078 74	2,971 04	3,221,049 78	8,785 60	3,212,264 00
*2,454 09	737 96	*5,372 21	*5,084 25		*5,084 25
309,624 89	279,149 89	30,475 00	309,624 89		309,624 89
350 19	350 19		350 19		350 19
*130,000 00	*78,000 00	*52,000 00	*130,000 00		*130,000 00
\$4,309,427 11	\$286,257,922 20	\$46,928,153 14	\$333,186,075 34	\$46,702 96	\$333,139,372 88

* Includes \$448,588.03, general expenditures.

* Debit. General expenditure charged to cost of road and equipment.

* Expenditures for new lines, extensions, additions and betterments.

COST OF ROAD AND
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Net additions made during the year.			Total
	Construction.	Equipment.	Total.	Construction.
Abbotsford & N. E.				\$227,000 00
Ahnapee & Western				841,000 00
Ashland, Odanah & M.		\$282 36	\$282 36	65,643 34
Bayfield Transfer	\$48 42	32 00	80 42	3,406,933 55
Big Falls Ry. Co.				
Chi., Milw. & St. P. ¹	658,870 70	481,204 06	1,135,074 76	
Chicago & N. W. ¹			\$2,080,199 80	
C., St. P., M. & O.	99,245 10	243,929 08	343,174 13	
Chicago, Burl. & Q.	80,282 41	(²)	80,282 41	\$11,568,680 63
Chicago, L. S. & E.				
Chicago, Harv. & G. L.				
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.	11,630 60		11,630 60	179,904 78
Drummond & S. W.				147,108 19
Duluth, S. S. & Atlantic				
Duluth, Sup. & W. T.	411,223 90		411,223 90	4,207,210 80
Dunbar & Wausaukee				71,023 02
Fairchild & N. E.	22,689 98		22,689 98	274,328 83
Great Northern				
Green Bay & Western				9,407,087 50
Hawthorne, Neb. & S.	436,207 46	44,225 65	480,433 11	935 00
Hazelhurst & S. E.				80,912 63
Hillsboro & N. E.				
Illinois Central	2,490 20		2,490 20	\$3,221,009 55
Iola & Northern				68,000 00
J. R. D. L. Co. L. Ry.		5,289 14	5,289 14	
Kewaunee, G. B. & W.				991,785 00
La Crosse & S. E.	15,140 70	2,302 87	17,443 57	782,076 16
Lake Superior T. & T.	25,020 68	27,800 67	52,821 35	327,576 34
Laona & Northern	114 75	1,064 77	1,179 52	114,170 91
Marathon Co. Ry. Co.				
Marinette, T. & W.				510,710 32
Mineral Point & N.	1,334 13		1,334 13	962,965 73
M., St. P. & S. Ste. M.	6,472 53	2,020 40	8,492 93	13,338,736 94
Northern Pacific				
N. W. Coal Ry. Co.	1,743 52		1,743 52	222,936 79
Oshkosh Transp. Co.				
R. L. & V. Co. L. Ry.				
Robbins Ry. Co.				25,118 31
Stanley, Merrill & P.	5,306 59	41,081 61	4,224 98	484,764 54
Superior & S. E.	39,666 14	3,575 90	43,242 13	155,891 76
Tomahawk & Eastern				
Whitcomb & Morris				8,180 40
Winona Bridge Ry. Co.				
Wisconsin Central				
Wisconsin & Michigan	787 96	43,242 05	42,454 09	1,595,528 42
Wisconsin & Northern	279,149 80	30,475 00	300,624 80	1,220,119 92
Wisconsin, Ruby & S.	350 19		350 19	12,377 43
Milwaukee, B. V. & Chi.	478,000 00	432,000 00	4130,000 00	100,000 00
Waupaca-Green Bay				110,075 42
Wisconsin Northwestern				268,437 93
Mattoon Ry. Co.				37,840 49
Total			\$4,309,427 11	

¹ Proportional.² No equipment specifically assigned to Wisconsin.³ Estimated.

REPORT OF THE RAILROAD COMMISSION.

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EQUIPMENT—WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

cost to June 30, 1908.		Cost per mile of road, June 30, 1908.		Mileage upon which based.
Equipment.	Total.	Construc- tion.	Equipment.	
\$4,400 00	\$232,000 00	\$15,013 19	\$230 23	15.16
23,000 00	854,000 00	24,735 29	691 18	34.00
2,132 50	88,775 70	2,735 14	936 85	24.00
16,522 03	3,423,476 55	845,221 13	4,290 55	3.86
.....	64,678,991 01	.....	36,456 94	1,774.12
.....	64,008,704 40	.....	13,434 51	1,914.45
.....	129,811,584 78	.....	18,613 77	756.61
(*)	11,563,690 03	51,955 30	(*)	222.57
.....
.....	179,904 76	9,312 00	.....	19.32
53,650 16	206,753 35	17,983 28	6,903 00	8.18
.....
21,426 50	4,318,145 19	693,099 97	3,455 85	6.20
9,100 00	80,133 02	5,261 70	674 07	13.50
29,138 31	303,437 14	7,219 46	763 80	38.00
.....
600,000 00	10,067,087 50	42,075 94	2,666 67	225.00
6,626 44	7,551 44	125 83	901 55	7.35
22,850 15	103,762 78	7,355 69	2,077 29	11.00
.....	3,221,099 55	35,275 54	.....	91.31
3,000 00	71,000 00	14,408 09	638 29	4.70
.....
10,000 00	1,121,725 00	27,022 48	3,542 23	36.50
43,559 00	825,625 16	19,163 61	1,067 37	40.81
81,374 13	400,250 47	15,908 60	3,948 28	20.61
.....
22,277 49	136,448 40	7,135 08	1,392 34	16.00
.....
22,879 80	533,500 12	11,668 04	522 73	23.00
9,259 26	972,214 99	56,476 74	350 72	26.40
2,796,486 23	16,135,223 17	37,785 72	7,972 83	333.01
.....
17,050 08	239,987 47	27,867 10	2,131 33	8.00
.....
11,000 00	11,000 00	.....	880 00	12.50
19,831 09	45,000 00	897 08	710 06	28.00
.....
120,330 32	605,130 86	9,899 22	2,437 96	48.97
19,330 37	175,252 13	5,507 43	685 17	28.30
.....
3,200 00	11,949 40	1,448 23	543 33	6.00
.....
242,927 13	1,878,155 55	23,083 47	3,596 96	69.27
47,855 00	1,268,474 02	28,144 33	1,103 41	43.37
2,600 00	14,057 43	2,471 49	520 00	5.01
.....	100,000 00	5,149 33	.....	19.42
.....	110,075 42	11,007 54	.....	10.00
46,000 00	314,437 03	11,671 21	2,000 00	23.00
16,790 00	54,650 49	1,288 06	571 86	29.56
.....
.....	\$217,150,927 11	.....	.....	6,017.05
.....	.....	.....	\$34,427 32	.....

* Credit.

* Including equipment.

* \$34,812.98 deducted; sinking fund bonds retired and credited to cost of road.

**COST OF ROAD AND EQUIPMENT—
Of Roads Operating in Wisconsin as Reported to the**

Name of Company.	Net additions during the year.			Total cost
	Construction.	Equipment.	Total.	Construction.
Abbotsford & N. E.	.....	.....	.....	\$227,000 00
Ahnapee & Western.	.....	.....	.....	841,000 00
Ashland, Odanah & M.	.....	\$282 36	\$282 30	65,643 34
Bayfield Transfer	\$48 42	33 00	80 42	3,406,953 55
Big Falls R'y Co.	.....	.....	.....	.....
C., M. & St. P.	2,677,603 18	1,970,532 60	4,648,135 78	.....
Chicago & Northwestern	7,026,669 56	1,039,792 76	97,989,489 32	.....
C., St. P., M. & O.	267,499 61	535,166 80	802,666 41	.....
Chi., Burl. & Quincy.	9,551,439 75	3,992,175 48	13,550,615 23	.....
Chi., L. Shore & East.	2,963,504 95	4,682,282 61	7,645,784 56	5,314,086 25
Chi., Harv. & Gen. L.	861 31	14,005 50	13,144 19	304,659 41
Chicago & Lake Superior	.....	.....	.....	.....
Chp. River & Northern	.....	.....	.....	.....
Chp. Valley & Northern	11,630 60	.....	11,630 60	179,904 76
Drummond & S. W.	.....	.....	.....	147,108 19
Duluth, S. S. & Atlantic	84,501 98	.....	84,501 98	43,466,415 35
Dul., Sup. & W. Term.	411,223 90	.....	411,223 90	4,297,219 81
Dunbar & Wausaukee.	.....	.....	.....	71,033 02
Fairchild & Northeast.	22,689 98	.....	22,689 98	274,328 83
Great Northern	\$223,830,821 01	26,470,948 96	250,301,773 97	\$240,349,771 44
Green Bay & Western.	.....	.....	.....	9,467,087 50
Hawthorne, Neb. & Sup.	130,287 36	14,225 65	140,493 01	925 00
Hazelhurst & Southeast.	.....	.....	.....	80,912 63
Hillsboro & N. Eastern.	.....	.....	.....	.....
Illinois Central	8,323,109 78	5,796,836 43	14,119,946 21	.....
Iola & Northern.	.....	.....	.....	63,000 00
J. R. D. L. Co., L. R.	.....	5,289 14	5,289 14	.....
Kewaunee, G. B. & W.	.....	.....	.....	961,725 00
La Crosse & S. E.	15,140 70	2,808 87	17,443 57	732,066 16
Lake Superior T. & T.	25,020 68	27,300 67	52,321 35	327,876 34
Loano & Northern.	114 75	1,064 77	1,179 52	114,170 91
Marathon Co. R'y Co.	.....	.....	.....	.....
Marquette, Tom. & W.	.....	.....	.....	510,710 32
Mineral Point & N.	1,334 13	.....	1,384 13	362,985 13
M., St. P. & S. Ste. M.	6,960,657 99	13,119 52	6,982,777 51	62,373,563 08
Northern Pacific	\$20,751,260 37	2,346,227 83	\$23,097,488 19	\$339,130,753 82
N. W. Coal R'y Co.	1,743 52	.....	1,743 52	222,936 79
Oshkosh Trans. Co.	.....	.....	.....	.....
R. L. & V. Co., L. Ry.	.....	.....	.....	.....
Robbins R'y Co.	.....	.....	.....	25,118 31
Stanley, Merrill & Phil.	5,306 59	11,081 61	4,224 98	484,764 54
Superior & S. E.	39,666 14	3,575 99	43,242 13	155,861 76
Tomahawk & Eastern.	.....	.....	.....	.....
Whitcomb & Morris.	.....	.....	.....	.....
Winona Bridge R'y Co.	.....	.....	.....	789,304 66
Wisconsin Central	3,209,213 05	2,971 04	3,212,284 09	57,228,706 60
Wisconsin & Michigan.	787 96	15,872 21	15,084 25	3,751,353 48
Wisconsin & Northern.	279,149 89	30,475 00	309,624 89	1,220,619 92
Wis., Ruby & Southern	350 19	.....	350 19	12,357 43
Mil., Bay View & Chi.	178,000 00	152,000 00	1130,000 00	100,000 00
Waupaca-Green Bay	.....	.....	.....	110,075 42
Wisconsin Northwestern	.....	.....	.....	268,437 93
Mattoon Ry. Co.	.....	.....	.....	37,840 49
Total	\$286,356,166 63	\$46,920,205 85	\$333,139,372 88	.....

¹ Credit.

² Includes \$448,588.93 general expenditures.

³ Includes \$150,691.50 general expenditures.

⁴ Includes \$271,884.98 general expenditures charged to cost of road and equipment.

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

to June 30, 1908.		Cost of road per mile June 30, 1908.			Mileage upon which based.	
Equipment.	Total.	Construction.	Equipment.	Total.		
\$4,400 00	\$232,000 00	\$15,013 19	\$290 23	\$15,303 42	15.16	
21,000 00	864,000 00	21,735 29	691 18	23,426 47	34.00	
23,133 36	88,775 70	2,735 14	936 85	3,678 99	24.00	
16,522 96	3,423,476 55	895,221 13	4,280 55	881,501 68	3.83	
.....	264,860,733 05	.....	.....	36,351 56	7,286.09
.....	251,874,287 45	.....	.....	33,434 51	7,533.96
.....	63,311,377 41	.....	.....	38,079 77	1,652.97
.....	358,832,115 23	.....	.....	40,734 30	8,800.09
6,442,416 60	11,756,412 85	20,833 05	25,293 14	46,153 19	254.71	
.....	28,345 32	333,004 73	23,315 30	2,096 44	23,411 74	11.61
.....	179,004 76	0,312 00	.....	0,312 00	19.32
56,680 16	203,733 85	17,963 28	6,903 00	21,901 28	8.18	
3,242,988 02	46,708,318 37	73,877 34	5,513 40	79,410 74	588.20	
21,486 30	4,318,643 19	603,099 97	3,455 85	613,555 82	6.20	
9,100 00	80,133 02	5,261 70	674 07	5,935 77	13.50	
27,128 31	303,467 14	7,219 46	763 80	7,983 26	38.00	
51,061,643 90	291,414,415 34	38,577 22	8,193 98	46,761 20	6,231.97	
.....	800,000 00	10,067,087 59	42,075 94	2,663 67	44,742 61	225.00
6,686 44	7,551 44	125 83	901 55	1,027 30	7.35	
22,850 15	103,762 78	7,355 69	2,077 29	9,432 98	11.00	
.....	121,698,308 95	.....	.....	57,848 82	2,103.73
.....	3,000 00	71,000 00	14,468 07	638 20	15,106 38	4.70
130,000 00	1,121,725 00	27,022 48	3,542 23	30,564 71	34.70	
43,550 00	825,625 16	19,163 61	1,067 87	20,230 97	40.81	
81,374 13	400,250 47	15,908 60	3,948 28	19,856 89	20.61	
.....	22,277 49	136,448 40	7,135 68	1,392 34	8,528 02	16.09
.....	22,879 80	533,500 12	11,693 01	522 73	12,190 77	23.00
0,269 26	973,344 91	36,476 74	350 72	36,827 46	26.40	
13,901,030 78	76,274,628 86	27,245 81	6,072 21	33,318 02	2,281.29	
39,611,807 89	4378,781,651 71	.....	.....	.....	.....
17,050 68	233,987 47	27,877 10	2,131 33	29,998 43	8.00	
.....	11,000 00	11,000 00	880 00	880 00	12.50	
19,881 69	45,000 00	877 06	710 03	1,607 11	28.00	
.....	120,886 32	605,130 86	0,890 22	2,457 06	12,357 18	48.97
19,300 37	175,252 13	5,507 48	685 17	6,192 65	28.30	
.....	789,304 66	766,315 20	.....	766,315 20	1.03
4,287,265 22	61,515,971 82	47,964 37	3,573 23	51,557 62	1,193.15	
446,478 81	4,197,811 84	27,900 79	3,518 73	33,419 52	125.46	
47,851 00	1,268,474 92	28,144 33	1,103 41	29,247 74	43.37	
2,600 00	14,977 43	2,471 49	520 00	2,991 49	5.09	
.....	100,000 00	5,149 33	.....	5,149 33	17.12
.....	110,075 42	11,007 54	.....	11,007 54	10.00
46,000 00	314,437 93	11,671 21	2,000 00	13,671 21	23.00	
16,790 00	54,630 49	1,288 06	571 81	1,879 92	20.36	
.....	\$1,959,150,737 52	.....	.....	\$40,007 95	33,917.97

* Excluding Northern Pacific Ry.

* \$187,000.00 deducted; sinking fund bonds of 1879 retired and credited to cost of road.

**NET ADDITIONS TO ROAD AND
Of Roads Operating in Wisconsin as Reported to the
Constr**

Name of Company.	Right of way, and station grounds.	Other real estate.	Fences.	Ballast, grad- ing and bridge and culvert masonry.
Abbotsford & N. E.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P. ²	\$3151,647 12			
Chl. & Northwestern ² ...	38,518 93	\$3,94	\$1,296 93	\$106,642 17
C., St. P., M. & O.....	1190 75	20,524 51	944 37	19,501 45
Chl., Burl. & Quincy....	747 50		23 27	9,630 26
Chl., L. S. & Eastern....				
Chl., Harv. & G. Lake....				
Chicago & Lake Superior				
Chlp. River & Northern				
Chlp. Valley & Northern	75			3,481 91
Drummond & S. W.....				
Duluth, S. S. & Atlantic				
Duluth, Sup. & W. T....	23,947 85			54,748 12
Dunbar & Wausaukee....				
Fairchild & N. Eastern....	814 57		372 77	
Great Northern.....				
Green Bay & Western....				
Hawthorne, Neb. & Sup.	120,725 10		1,624 93	
Hazelhurst & S. Eastern				
Hillsboro & N. Eastern....				
Illinois Central.....	163 51			98 74
Iola & Northern.....				
J. R. D. L. Co., L. R'y				
Kewaunee, G. B. & W....			4 27	
La Crosse & S. Eastern	25 00			
Lake Superior T. & T....				
Laona & Northern.....				
Marathon Co. R'y Co....				
Marinette, Tom. & W....				
Mineral Pt. & Northern				
M., St. P. & S. Ste. M....	7,015 80			
Northern Pacific.....				
N. W. Coal R'y Co.....	1,743 52			
Oshkosh Trans. Co.....				
R. L. & V. Co., L. Ry....				
Robbins R'y Co.....				
Stanley, Merrill & P....	27 15			
Superior & Southeastern				
Tomahawk & Eastern....				
Whitcomb & Morris....				
Winona Bridge R'y Co....				
Wisconsin Central.....				
Wisconsin & Michigan....				
Wisconsin & Northern....	4,807 81	2,755 77	2,611 79	96,965 02
Wis., Ruby & Southern				
Wis., Bay View & Chl....				
Waupaca-Green Bay ...				
Wis. Northwestern.....				
Mattoon Rv. Co.....				
Total.....	\$561,705 66	\$23,284 22	\$7,657 47	\$291,117 50

¹ Credit.² Proportional.³ Extensions, second track and Galewood yards.

EQUIPMENT, ITEMIZED, WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

uction.

Bridges, trestles, and culverts.	Rails.	Ties.	Other super- structure and material.	Buildings, furniture and fixtures.	Shop machinery and tools.
	\$10 62		\$1 85	\$50 79	\$6 40
\$451,956 57	119,440 16	\$48,533 37	135,732 13	*102,871 55	
2,725 25	18,185 03	10,045 98	83,787 67	29,335 83	35,133 28
3,763 83	9,396 11	6,541 84	11,114 73	4,733 21	
				9 92	
		306 82			50 05
22,483 00	50,191 05	69,036 93	58,885 94	3,605 63	
7,569 83		4,334 93		112 93	
15,000 00	676 28	13,500 00	1283 17	14,073 14	
	523 00	387 58	534 91	593 03	
1,546 93	*10,696 05			2,755 90	
				7,800 00	
					12 35
				1,190 79	
	2,679 86	346 43			191 38
944 54		7,890 72		10,550 01	
11,250 70	41,923 82	8,250 40	28,757 95	1,841 89	
\$197,241 28	\$261,709 94	\$151,995 00	\$383,532 01	\$131,412 42	\$35,339 47

* Includes \$86,849.15 shops, engine houses, and turntables.

* Rails and ties.

NET ADDITIONS TO ROAD AND EQUIPMENT,
Construction—

Name of Company.	Engineering expenses.	Interest during construction.	Discount on securities sold for construction.	Telegraph and telephone line.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Murengo.....				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chicago, Mil. & St. Paul ¹				
Chicago & Northwestern ¹	\$30,075 18			\$8,425 75
Chl., St. Paul, Minn. & O.....	2,567 37		\$37,525 43	212 74
Chl., Burlington & Quincy.....	981 25		28,554 91	
Chl., Lake Shore & Eastern.....				
Chicago, Harv. & Geneva L.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....		7,481 03		
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atl.....				
Duluth, Sup & W. Terminal.....	381 70			
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern				
Green Bay & Western.....				
Hawthorne, Nebag. & Sup.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central				
Iola & Northern				
J. R. Davis Lbr. Co. L. Ry.....				
Kewaunee, Green Bay & W.....				
La Crosse & Southeastern.....	13 55			90 00
Lake Sup. Term. & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tom. & Western.....				
Mineral Point & Northern.....				
Mpls., St. P. & S. Ste. M.....				
Northern Pacific				
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis L. & V. Co., L. Ry.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....	603 55			\$1 87
Tomahawk & Eastern.....				
Whitecomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....	20,321 22			3,711 01
Wisconsin, Ruby & Southern.....				
Milwaukee, Bay View & Chl.....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon R'y Co.				
Total.....	\$55,051 83	\$7,481 03	\$40,070 52	\$12,948 97

¹ Proportional.² Credit.

ITEMIZED, WISCONSIN, 1908—Continued.
Concluded.

Wharfing, etc.	Findings and yard extensions.	Road built by contract.	Purchase of constructed road.	Other items.	Total construction.
					\$48 42
	\$5,271 32		\$113,111 14	\$22,030 43	653,870 70
				396,830 49	1,785,512 73
				645 70	99,245 19
				10,466 79	83,282 41
				250 00	11,650 60
101,486 11				14,550 37	411,233 90
			8,003 14	1,401 75	22,680 12
				2,728 40	230,217 43
				182 97	2,490 29
	17,220 63				15,140 70
					25,020 68
				102 40	114 75
	173 34				1,331 13
	22,043 83			1,500 59	6,472 52
					1,743 52
				2,071 77	5,303 59
				19,700 44	39,633 14
				787 96	787 96
				55,913 92	279,119 81
				350 19	350 19
				2 378,000 00	2 378,000 00
\$104,486 11	\$20,021 48		\$121,114 28	\$402,036 51	\$3,327,813 61

* Amount of bonds canceled.

NET ADDITIONS TO ROAD AND EQUIPMENT.

Name of Company.	Equip			
	Locomotives.	Passenger cars.	Sleeping parlor and dining cars.	Baggage, express and postal cars.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer				
Big Falls R'y Co.....				
Chicago, Mil. & St. Paul ¹ ..	\$427,399 15	\$43,550 21		
Chicago & Northwestern ¹ ...	121,810 99	99,167 17		
Chi., St. Paul, M. & O....	44,033 61	5 12		
Chicago, Burl. & Quincy.....				
Chicago, L.S. & Eastern.....				
Chi., Harv. & Geneva Lake				
Chicago & Lake Superior...				
Chippewa River & Northern				
Chippewa Val. & Northern...				
Drummond & Southwestern				
Duluth, S. S. & Atlantic...				
Duluth, Sup. & W. Term.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern...				
Great Northern				
Green Bay & Western.....				
Hawthorne, Nebag. & Sup.				
Hazelhurst & Southeastern.				
Hillsboro & Northeastern...				
Illinois Central				
Iola & Northern.....				
J. R. Davis L. Co., L. R'y				
Kewaunee, G. B. & West...				
La Crosse & S. E.....				
Lake Sup. Term. & Trans.	27,300 67			
Laona & Northern.....	1,034 77			
Marathon County R'y Co...				
Marquette, Tom. & Western				
Mineral Point & Northern...				
Mpola, St. P. & S. Ste. M.	463 06	2548 41		
Northern Pacific				
Northwestern Coal R'y Co...				
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. R'y				
Robbins R'y Co.....				
Stanley, Merrill & Phillips	6,895 68			
Superior & Southeastern...	2,900 00			
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....	6,600 00			
Wis., Ruby & Southern.....				
Mil., Bay View & Chicago.				
Waupaca-Green Bay				
Wisconsin Northwestern ...				
Mattoon R'y. Co.....				
Total	\$638,497 93	\$148,174 09		

¹ Proportional.² Credit.

ITEMIZED, WISCONSIN, 1908—Concluded.

ment.					Grand total construction and equip- ment.
Combination cars.	Freight cars.	Other cars of all classes.	Floating equipment and other items.	Total equipment.	
		\$282 36		\$282 36	\$282 36
	\$32 00			32 00	80 42
		4,254 70		481,204 06	1,135,074 73
	58,491 29			279,499 45	2,035,012 18
	190,830 30			243,929 08	343,174 13
					80,282 41
					11,630 60
					411,223 90
					22,681 98
\$1,042 91	\$2,069 72	\$1,113 02		\$4,225 65	\$10,493 11
					2,490 20
		5,280 14		5,280 14	5,280 14
	2,302 87			2,302 87	17,143 57
				27,300 67	52,321 35
				1,064 77	1,171 52
	1,908 02	197 73		2,020 40	1,324 13
					5,492 93
					1,743 52
		\$7,947 29		\$1,081 61	4,924 98
		675 99		3,575 99	43,242 13
	23,875 00		\$3,242 05	\$3,242 05	\$1,174 00
				30,475 00	309,094 80
					350 19
			\$52,000 00	\$52,000 00	\$130,000 00
\$1,042 91	\$284,369 76	\$1,639 61	\$55,242 05	\$1,016,346 43	\$4,344,240 00

* Amount of bonds canceled.

NET ADDITIONS TO ROAD AND
Of Roads Operating in Wisconsin as Reported to the
Constr

Name of Company.	Right of way and station grounds.	Other real estate.	Fences.	Ballast, grading, bridge and culvert masonry.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Mil. & St. P.	\$1,861,781 81			
Chicago & Northwestern ..	348,664 40	\$15 50	\$16,909 75	\$419,670 34
Chl., St. P., Mpls. & O.	1,379 92	60,395 76	8,160 69	113,834 60
Chl., Burlington & Quincy	499,866 57	31,749 04	22,398 48	489,066 57
Chl., L. S. & Eastern.	2,22,377 84		13 70	581,352 93
Chl., Harvard & Geneva L.	459 00			
Chicago & Lake Superior.				
Chippewa R. & Northern.				
Chippewa V. & Northern.	75			3,481 94
Drummond & Southwestern ..				
Dul., S. S. & Atlantic.			383 24	7,655 61
Dul., Sup. & West. Term.	23,947 85			54,748 12
Dunbar & Wausaukee				
Fairchild & Northeastern.	804 57		372 77	
Great Northern	221,189 48	226,583 00	85,753 25	2,029,394 05
Green Bay & Western				
Haw., Nebagamon & Sup.	120,725 10		1628 98	
Hazelhurst & Southeastern.				
Hillsboro & Northeastern.				
Illinois Central	40,026 61		1,361 86	166,372 31
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & West.				
La Crosse and Southeastern	25 00		4 27	
Lake Sup., Term. & Trans.				
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & W.				
Mineral Point & Northern.				
Mpls., St. P. & S. Ste. M.	266,928 58	29 00	110,110 16	2,062,003 22
Northern Pacific	607,719 75	1,127,469 45	22,701 22	6,650,514 59
Northwestern Coal Ry. Co.	1,743 52			
Oshkosh Transportation Co.				
Roddis L. & V. Co., L. R.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	27 15			
Superior & Southeastern ..				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	321,091 20		4,747 73	911,402 28
Wisconsin & Michigan				
Wisconsin & Northern	4,807 81	2,755 77	2,644 79	96,965 02
Wisconsin, Ruby & S.				
Mil., B. V. & Chicago.				
Wausau-Green Bay				
Wisconsin Northwestern ..				
Mattoon Ry. Co.				
Total	\$1,472,806 81	\$1,449,003 12	\$274,832 98	\$14,185,481 66

¹ Credit.² Extensions, second track and Galewood yards.

EQUIPMENT ITEMIZED, WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.
uction.

Bridges and trestles.	Rails.	Ties.	Other super- structure and material.	Buildings, furniture and fixtures.	Shop machinery and tools.
	\$110 62		\$1 85	\$60 79	\$6 40
\$1,778,500 59	470,084 43	191,230 11	770,287 20	^a 421,259 44	
16,444 74	53,449 08	30,712 84	92,599 59	1,177,983 32	138,280 12
325,738 98	225,522 99	261,451 72	805,371 97	10,446 87	3,807 29
272,481 16	537,857 37	352,795 50		466 00	30,693 51
				237,958 16	22,672 22
				13,076 87	1824 21
		366 82			50 06
2,023 16	40,741 84	4,032 51		4,650 10	
22,483 60	59,194 65	68,936 93	58,885 94	3,605 68	
7,569 86		4,334 93		112 96	
954,472 38	1,907,324 68	964,464 01	1,383,469 12	180,257 61	95,407 24
15,000 00	676 28	13,500 00	1283 17	14,078 14	
295,299 96	113,680 47	14,133 61	34,150 03	98,642 75	36,885 83
1,546 93	^a 10,690 05			2,755 90	
				7,800 00	
					12 35
398,999 50	1,962,355 07	526,563 46	9,948 93	1,160 79	
				464,500 07	77,463 05
2,574,913 81	1,148,273 75	600,434 53	924,582 69	245,813 89	218,604 12
	2,079 86	346 43			191 38
944 54		7,690 72		10,550 01	
187,315 06	408,901 68	178,572 02	1,772 50	152,854 27	47.07
11,250 70	41,928 82	8,250 40	28,757 95	1,841 88	
\$6,845,074 92	\$7,143,306 40	\$3,300,847 44	\$1,109,524 60	\$3,015,561 43	\$623,297 03

^a Includes \$278,747.54 for shops, engine houses and turntables.

^b Includes ties.

NET ADDITIONS TO ROADS AND EQUIPMENT
Construction—

Name of Company.	Engineer- ing expenses.	Interest during construc- tion.	Discount on securities sold for construc- tion.	Telegraph and telephone line.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Mil. & St. Paul				
Chicago & Northwestern	\$118,433 95			\$34,743 91
Chi., St. P., Mpls. & O.	6,407 23		\$152,534 95	589 53
Chicago, Burlington & Q.	36,610 02			8,834 53
Chi., Lake Shore & Eastern	32,496 69			
Chi., Harvard & Geneva L.	25 00			
Chicago & Lake Superior				
Chippewa R. & Northern				
Chippewa V. & Northern		7,481 03		
Drummond & Southwestern				
Dul., S. S. & Atlantic	258 74			
Dul., Sup. & West. Term.	384 70			
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	141,508 15			73,295 07
Green Bay & Western				
Haw., Nebagammon & Sup.				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	6,837 90			2,381 88
Iola & Northern				
J. R. Davis L. Co., L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & Southeastern	13 55			99 00
Lake Sup. Term. & Trans.				
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & W.				
Mineral Point & Northern				
Mpls., St. P., & S. Ste. M.	104,038 99	267,457 70		70,645 99
Northern Pacific	220,346 17			44,908 40
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
Roddiss L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern	693 56			86 57
Tomahawk & Eastern				
Whitecomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	28,585 31	262,722 55	308,963 70	28,785 69
Wisconsin & Michigan				
Wisconsin & Northern	20,321 22			3,711 61
Wis., Ruby & Southern				
Wis., Bay View & Chi.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$717,051 18	\$537,661 28	\$246,448 75	\$230,491 70

¹ Stockyards.² Credit.³ Includes \$448,588.93 general expenditures.

NET ADDITIONS TO ROAD AND EQUIPMENT.

Name of Company.	Equip			
	Locomotives.	Passenger train cars.	Sleeping, parlor and dining cars.	Baggage, express and postal cars.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chl., Mil. & St. Paul	\$1,750,201 25	\$302,908 33		
Chicago & Northwestern	479,364 36	390,253 86		
Chl., St. Paul, Mpls. & O.	96,738 94	11 23		
Chl., Burlington & Quincy	1,582,932 37	170,423 92		
Chl., Lake Shore & E.	339,692 40			
Chl., Harvard & Geneva L.	5,567 89	19,559 80		
Chicago & Lake Superior				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & Southwestern				
Duluth, S. S. & Atlantic				
Duluth, Superior & W. T.				
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	6,772,386 97	2,705,161 63		
Green Bay & Western				
Haw., Nebag. & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	798,635 50	38,022 24		
Iola & Northern				
J. R. D. L. Co., Log. Ry.				
Kewaunee, G. B. & W.				
La Crosse & Southeastern				
Lake Sup. Term. & Trans.	27,390 07			
Laona & Northern	1,034 77			
Marathon County Ry. Co.				
Marinette, Tomahawk & W.				
Mineral Point & Northern				
M., St. P. & S. Ste. M.	3,006 88	13,561 10		
Northern Pacific	1,031,090 58	264,772 14		
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
R. L. & V. Co., Log. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	6,865 68			
Superior & Southeastern	2,960 00			
Tomahawk & Eastern				
Whitecomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	2,971 04			
Wisconsin & Michigan		4,292 10		
Wisconsin & Northern	6,600 00			
Wisconsin, Ruby & S.				
Milwaukee, B. V. & Chicago				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$12,907,289 12	\$3,521,876 71		

¹ Credit.² \$137,000.00 deducted; sinking fund bonds of 1878 retired and credited to cost of road.

745

ment.

Combination cars.	Freight cars.	Other cars of all classes.	Floating and work equipment.	Total equipment.	Grand total construction and equipment.
	\$32 00	\$282 35		\$282 35 32 00	\$282 35 80 42
		17,423 02		1,970,532 60	4,648,135 78
	230,181 54			1,099,799 76	27,989,460 32
	438,416 63			535,165 89	802,066 41
	1,495,487 12		\$301,179 91	3,900,175 48	13,550,615 23
	4,339,772 29	2,821 92		4,682,289 61	7,645,791 53
	491 59	1,564 82	12,070 00	14,005 50	13,144 19
					11,630 60
					81,501 98
					411,223 90
					22,689 98
	16,451,988 56		538,413 78	26,470,948 96	250,301,773 97
\$1,042 91	12,069 72	1,113 02		14,235 65	130,403 01
	4,899,950 04		73,228 65	5,796,836 43	14,119,946 21
		5,289 14		5,289 14	5,289 14
	2,302 87			2,302 87	17,443 57
				27,300 67	52,321 35
				1,034 77	1,179 52
	12,380 75	1,233 99		13,119 52	1,334 13
	1,049,895 30	500 00		2,346,227 82	23,007,483 19
					1,743 52
		17,947 29 675 99		11,081 61 3,575 99	4,224 98 43,242 13
	110,543 79 23,875 00		379 48	2,971 04 15,872 21 30,475 00	3,212,231 09 17,081 25 391,624 80 350 19
			1 52,000 00	52,000 00	2130,000 00
\$1,042 91	\$28,922,167 18	\$20,783 93	\$1,549,131 82	\$46,920,205 85	\$33,159,372 38

* Amount of bonds canceled.

**INCOME ACCOUNT,
Of Roads Operating in Wisconsin, as Reported to the
Operating**

Name of Company.	Rail operations.			
	Operating revenues.	Operating expenses.	Net operating revenue.	Net operating deficit.
Abbotsford & N. E.....	\$31,453 01	\$29,405 84	\$2,047 17	
Ahnapee & Western.....	79,174 38	43,542 29	35,632 09	
Ashland, Odanah & M..	45,755 83	56,680 21		\$10,904 38
Bayfield Transfer	19,181 10	18,220 58	960 52	
Big Falls Ry. Co.....	9,156 09	7,087 69	2,068 40	
Chl., Mil. & St. Paul.	16,822,348 70	19,963,241 39	6,829,107 31	
Chicago & N. W. ¹	16,351,295 93	10,770,270 57	5,581,025 36	
Chl., St. P., M. & O....	6,015,587 84	4,170,443 46	1,845,144 38	
Chl., Burlington & Q....				
Chl., Lake Shore & E..	74,351 77	52,370 04	21,981 73	
Chl., Harv. & Geneva L.	14,581 21	12,941 09	1,640 12	
Chl., & Lake Superior..	5,757 06	6,278 19		521 13
Chippewa River & N....	10,749 33	9,348 11	1,401 21	
Chippewa Valley & N....	16,981 59	13,852 85	3,078 74	
Drummond & S. W.....	13,633 20	15,708 97		2,076 77
Dul., S. S. & Atlantic..	344,457 23	362,217 70		17,760 47
Dul., Sup. & West. T....				
Dunbar & Wausaukee....	31,599 55	18,823 22	12,770 33	
Fairchild & N. E.....	18,601 07	17,988 05	613 02	
Great Northern	1,272,824 79	1,082,351 22	190,473 57	
Green Bay & Western..	601,429 04	417,785 72	183,643 32	
Haw., Nebag. & Sup....	9,446 56	2,848 39	6,598 17	
Hazelhurst & S. E.....	18,180 61	13,308 29	4,872 32	
Hillsboro & N. E.....	13,696 62	7,856 93	5,837 69	
Illinois Central	132,526 40	169,981 52		37,455 12
Iola & Northern	6,749 30	7,414 78		665 48
J. R. Davis L. Co. L. R.				
Kewaunee, G. B. & W..	127,048 33	53,010 51	44,037 87	
La Crosse & S. E.....	67,490 28	46,632 16	20,858 12	
Lake Superior T. & T..	37,773 75	151,756 29		113,983 54
Laona & Northern.....	18,534 72	13,731 79	4,802 93	
Marathon Co. Ry. Co..	13,111 31	11,406 58	1,704 73	
Mainette, T. & W.....	48,081 09	41,911 03	6,120 06	
Mineral Point & N....	73,057 13	58,338 21	14,718 92	
M., St. P. & S. Ste. M.	1,671,308 50	1,109,377 08	561,931 42	
Northern Pacific	579,758 51	647,853 44		68,094 93
N. W. Coal Ry. Co.....	23,276 46	22,043 76	1,232 70	
Oshkosh Trans. Co.....		3,853 73		3,853 73
Roddis L. & V. C. L. R.	5,342 97	5,342 97		
Robbins Ry. Co.....	29,873 43	27,677 58	2,196 85	
Stanley, Merrill & P....	123,041 02	99,196 68	23,844 39	
Superior & S. E.....	37,488 26	27,436 37	10,051 89	
Tomahawk & Eastern..	14,167 65	6,182 73	7,984 92	
Whitcomb & Morris ..	2,943 76	3,768 85		825 09
Winona Bridge Ry. Co..				
Wisconsin Central	6,013,183 19	4,358,992 79	1,654,190 40	
Wisconsin & Michigan..	106,941 05	135,121 25	31,619 80	
Wisconsin & Northern..	34,750 64	23,264 99	6,484 65	
Wis., Ruby & Southern				
Mil., Bay View & Chl..				
Waupaca-Green Bay ...	5,245 73	4,384 17	861 56	
Wisconsin Northwestern	37,768 87	24,122 91	13,645 96	
Mattoon Ry. Co.....	35,476 88	27,038 46	8,438 42	
Total	\$51,125,087 78	\$34,237,448 38	\$17,143,732 04	\$256,140 64

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Income.¹

Outside operations.				Total net revenue.	Total net deficit.
Revenues.	Expenses.	Net revenue.	Net deficit.		
.....	\$2,047 17	.....
.....	35,682 09	.....
.....	\$10,904 38
\$160 41	\$160 41	.....	1,120 93	.....
.....	2,068 40	.....
.....
*280,956 64	*\$141,032 26	*139,924 38	.....	6,969,081 69	.....
87,983 60	96,019 85	.....	\$10,086 75	5,570,988 61	.....
*50,246 98	*50,012 76	234 17	.....	1,845,378 55	.....
.....
.....	21,981 73	.....
.....
.....	1,640 12	.....
.....	581 13
.....	1,401 21	.....
.....	3,078 74	.....
.....	2,076 77
16,435 11	9,954 46	6,480 65	.....	.....	11,279 82
.....
.....	12,770 83	.....
.....	513 02	.....
(*)	(*)	190,478 57	.....
.....
.....	183,643 32	.....
.....	6,598 17	.....
.....	4,874 32	.....
.....	5,837 69	.....
.....	87,455 12
.....
.....	665 43
.....
.....	44,087 87	.....
.....	20,858 12	.....
.....	113,963 54
.....
.....	4,902 93	.....
.....	1,704 73	.....
.....	6,120 06	.....
.....	14,718 92	.....
54,554 26	16,307 33	38,246 93	.....	600,178 35	.....
.....
2,507 47	2,507 47	.....	.....	65,567 40
.....	1,232 70	.....
.....	3,853 73
.....
.....	2,195 85	.....
.....
.....	23,844 39	.....
.....	10,001 80	.....
.....	7,984 92	.....
.....	825 09
.....
59,155 20	47,357 18	10,798 02	.....	1,664,988 42	.....
.....	31,819 80	.....
.....	6,494 05	.....
.....
.....
.....	861 56	.....
.....	13,645 96	.....
.....	8,438 42	.....
\$548,948 62	\$360,683 34	\$188,352 03	\$10,086 75	\$17,322,019 20	\$247,152 52

¹ Not given.

INCOME ACCOUNT.

Name of Company.	Operating Income—continued.			Other Income from lease of road.
	Taxes accrued.	Operating Income.	Operating loss.	
Abbotsford & Northeastern	\$667 13	\$1,080 04		
Ahnapee & Western	2,199 15	33,432 94		
Ashland, Odanah & M.	637 50		\$11,541 83	
Bayfield Transfer	367 00	753 84		
Big Falls R'y Co.	456 57	1,611 83		
C., M. & St. P.	946,227 44	6,022,804 25		\$5,331 40
Chicago & Northwestern ¹	668,031 28	4,902,907 33		
C., St. P., M. & O.	305,937 16	1,539,441 39		
Chicago, Burl. & Quincy				
Chicago, L. S. & Eastern	5,180 57	16,801 16		
Chi., Harv. & Geneva L.	185 75	1,454 37		
Chicago & Lake Superior	51 70		572 83	
Chipp. River & Northern	409 80	991 41		
Chipp. Valley & Northern	417 16	2,661 58		
Drummond & S. Western	758 35		2,835 12	
Duluth, S. S. & Atlantic	14,468 51		25,748 33	
Duluth, Sup. & W. Term.				160,000 00
Dunbar & Wausaukee	965 92	11,774 41		
Fairchild & Northeastern	1,249 32		636 30	
Great Northern	87,705 81	100,767 76		
Green Bay & Western	24,685 06	158,957 26		
Hawthorne, Nebag. & Sup.	596 79	6,001 38		
Hazelhurst & Southeastern	489 13	4,385 19		
Hillsboro & Northeastern	173 29	5,664 40		
Illinois Central	11,055 82		48,510 94	
Iola & Northern	219 80		885 28	
J. R. Davis, L. Co., L. R'y				
Kewaunee, Green Bay & W.	4,784 06	39,252 01		
La Crosse & S. Eastern	3,127 89	17,730 23		
Lake Sup. T. & Transfer	3,199 54		117,183 08	
Laona & Northern	460 49	4,342 44		
Marathon Co. R'y Co.	414 45	1,290 28		
Marquette, Tom. & Western	2,048 67	4,071 39		828 81
Mineral Point & Northern	3,223 46	11,495 46		
Mpolls, St. P. & S. Ste. M.	130,083 78	470,083 57		
Northern Pacific	38,315 66		108,903 12	
Northwestern Coal R'y Co.	1,083 36	144 34		
Oshkosh Transportation Co.	1,098 40		4,932 13	11,219 75
Roddis L. & V. Co., L. R'y				
Robbins R'y Co.	575 64	1,620 21		
Stanley, Merrill & Phillips	610 35	23,234 04		
Superior & Southeastern	346 40	9,655 49		
Tomahawk & Eastern		7,984 92		
Whitcomb & Morris	109 50		934 59	
Winona Bridge R'y Co.				
Wisconsin Central	274,922 39	1,390,066 03		
Wisconsin & Michigan	4,232 75	27,587 05		
Wisconsin & Northern	4,246 91	2,247 71		
Wis., Ruby & Southern				
Wis., Bay View & Chicago				11,500 00
Waupaca-Green Bay		861 56		
Wisconsin Northwestern	469 03	13,176 93		
Mattoon Ry. Co.	696 24	7,742 18		
Total	\$2,519,527 97	\$14,844,082 31	\$317,703 60	\$188,970 13

¹ Proportional.

WISCONSIN, 1908—Continued.

Income.

Joint facilities.	Equipment loaned.	Interest accrued on bonds owned.	Dividends declared on stocks owned	Miscellaneous income—less expenses.	Total other income.
				\$368 19	\$368 19
\$105,371 73		\$27,919 40	\$8,900 25	\$342,244 58	487,757 44
16,507 96		814 73	492,331 20	240,223 14	740,883 03
8,665 81	\$5,814 22	2,500 00		16,740 60	23,720 72
	348 06				348 06
100 00	2,529 87			1,103 71	3,733 58
					100,000 00
				81,514 80	81,514 80
	12,708 45	8,750 00		5,070 20	27,128 65
112 00	68				112 68
				338 05	338 05
	7,556 72	750 00		2,829 06	10,385 78
					750 00
	2,477 86			58 43	3,425 18
	24,353 07			19,636 46	43,989 53
					11,249 75
	1,345 80				1,345 80
		9,371 65		33,568 50	42,940 15
7,477 19					7,477 19
					11,500 00
\$138,234 68	\$97,189 78	\$50,106 78	\$501,221 45	\$734,299 41	\$1,600,971 18

INCOME ACCOUNT,

Name of company.	Gross corporate income.	Gross corporate loss.	Deductions	
			Rents accrued for lease of other roads.	Joint facilities.
Abbotsford & N. E.....	\$1,080 04			
Ahnapee & Western	38,801 13			
Ashland, Odanah & M.....		\$11,541 88		
Bayfield Transfer	753 84			
Big Falls Ry. Co.....	1,611 88		\$1,080 00	
Chl., Milw. & St. P.....	6,512,561 69			\$2,530 27
Chicago & N. W. ¹	5,652,787 36		10,627 86	59,705 36
C., St. P., M. & O.....	1,563,102 11		100 00	10,630 38
Chl., Burl. & Q.....				
Chl., L. S. & E.....	17,149 22		11,500 00	
Chl., Harv. & G. L.....	1,454 37			
Chicago & L. S.....		572 83		
Chippewa R. & N.....	991 41			
Chippewa V. & N.....	2,661 58			
Drummond & S. W.....		2,835 12		
Duluth, S. S. & Atl.....		22,014 75		5,502 35
Duluth, Sup. & W. T.....	180,000 00			
Dunbar & Wausaukee	11,774 41			
Fairchild & N. E.....		636 30		
Great Northern	182,282 56			
Green Bay & Western	186,085 91		15,442 16	
Hawthorne, Nebag. & S.....	6,001 38			
Hazelhurst & S. E.....	4,385 19		1 00	
Hillsboro & N. E.....	5,664 40			
Illinois Central		48,898 26		
Iola & Northern		546 03		
J. R. D. L. Co. L. Ry.....				
Kewaunee, G. B. & W.....	49,638 69			
La Crosse & S. E.....	18,480 28			
Lake Superior T. & T.....		117,183 08		512 40
Laona & Northern	4,842 44			
Marathon Co. Ry. Co.....	1,290 28			
Marquette, T. & W.....	7,486 57			
Mineral Point & N.....	11,495 46			1,183 50
Mpls., St. P. & S. S. M.....	514,063 10			
Northern Pacific		108,903 12		
N. W. Coal Ry. Co.....	144 34			
Oshkosh Transp. Co.....	6,297 62			
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....	1,620 21			
Stanley, Merrill & P.....	24,579 84		600 00	
Superior & S. E.....	9,655 49			
Tomahawk & Eastern	7,984 92		888 89	
Whitcomb & Morris		934 59		
Winona Bridge Ry. Co.....				
Wisconsin Central	1,433,006 18			322,091 04
Wisconsin & Michigan.....	35,064 24		4,781 51	
Wisconsin & Northern.....	2,247 74			
Wisconsin, Ruby & S.....				
Milw. B. V. & C.....	11,500 00			
Waupaca-Green Bay	861 56			
Wisconsin N. W.....	13,176 93			
Mattoon Ry. Co.....	7,742 18			
Total	\$16,504,916 48	\$308,566 56	\$45,621 42	\$409,755 80

¹ Proportional

WISCONSIN, 1908—Continued.

from gross corporate income.

Equipment borrowed.	Interest accrued on funded debt.	Other interest.	Other deductions.	Total deductions from gross corporate income.
.....	\$6,720 00	.....	.....	\$6,720 00
\$283 98	21,250 00	.....	\$341 25	21,875 18
.....	75,000 00	\$11,436 61	.....	86,436 61
.....	150 00	.....	.....	1,830 00
1,971,777 82	11,444,872 79	.....	.....	1,519,180 88
48,084 19	1,940,890 81	779 15	58,824 19	2,118,511 56
.....	1,719,729 70	13,574 52	.....	734,084 60
.....	.....	.....	100,000 00	111,500 00
.....	3,125 00	684 68	.....	3,809 68
.....
.....	3,667 50	.....	.....	3,667 50
.....	3,000 00	.....	.....	3,000 00
.....	153,379 63	206 26	.....	164,090 24
.....	20,000 00	.....	.....	20,000 00
.....	(?)
.....	65,000 00	.....	.....	80,442 16
.....	.....	.....	.....	1 00
5,422 28	80,256 95	.....	.....	91,679 23
.....
.....	20,400 00	621 87	.....	21,021 87
.....	37,500 00	1,000 00	.....	38,500 00
3,844 88	11,700 00	.....	.....	16,057 28
.....	.....	4,207 51	.....	4,207 51
.....	.....	1,098 89	.....	1,098 89
2,413 59	22,500 00	1,547 47	.....	27,644 56
.....	466,568 10	.....	.....	466,568 10
.....	11,000 00	.....	.....	11,000 00
.....	.....	2,346 10	.....	2,346 10
.....	25,000 00	1,452 50	.....	27,052 50
.....	.....	.....	.....	888 89
101,633 41	1,013,615 34	5,627 81	.....	1,443,567 40
.....	55,297 00	5,752 09	.....	65,831 20
.....
.....	830 00	.....	.....	830 00
.....	.....	229 26	711 00	940 26
.....	.....	3,000 00	.....	3,000 00
\$234,050 60	\$6,211,452 82	\$43,567 32	\$150,376 44	\$7,096,832 90

* Not given.

INCOME ACCOUNT.

Name of company.	Net corporate income.	Net Corporate loss.
Abbotsford & Northeastern		\$5,639 96
Ahnapee & Western	\$11,925 95	
Ashland, Odanah & Marengo		11,541 83
Bayfield Transfer		85,682 77
Big Falls R'y Co.		218 17
Chicago, Milwaukee & St. Paul.....	4,993,381 31	
Chicago & Northwestern ¹	3,534,275 80	
Chicago, St. Paul, Minneapolis & Omaha.....	829,127 51	
Chicago, Burlington & Quincy.....		94,350 78
Chicago, Lake Shore & Eastern.....		
Chicago, Harvard & Geneva Lake.....		2,355 31
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 02
Drummond & Southwestern		5,835 12
Duluth, South Shore & Atlantic.....		189,104 90
Duluth, Superior & Western Terminal.....	140,000 00	
Dunbar & Wausaukee	11,774 41	
Fairchild & Northeastern		636 30
Great Northern	182,292 56	
Green Bay & Western.....	105,643 75	
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern	4,381 19	
Hillsboro & Northeastern	5,664 40	
Illinois Central		140,077 49
Iola & Northern		546 63
J. R. Davis Lumber Co., Logging R'y.....		
Kewaunee, Green Bay & Western.....	28,616 82	
La Crosse & Southeastern		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern	134 93	
Marathon County R'y Co.	191 39	
Marquette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie.....	47,515 00	
Northern Pacific ²		
Northwestern Coal R'y Co.		10,855 66
Oshkosh Transportation Co.	6,297 62	
Roddis Lumber & Veneer Co., Logging R'y.....		
Robbins R'y Co.		725 89
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern	7,096 03	
Whitcomb & Morris		934 59
Winona Bridge R'y Co.		
Wisconsin Central		10,561 42
Wisconsin & Michigan		30,766 96
Wisconsin & Northern	2,217 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	11,500 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern	12,236 67	
Mattoon R'y Co.	4,742 18	
Total	\$9,968,714 67	\$760,294 50

¹ Proportional.² Not given.

Disposition of Corporate Income.

Dividends declared		Additions and betterments charged to income.	Appropriations to reserves.	Miscellaneous.	Total.
On preferred stock.	On common stock.				
.
.
.
.
\$852,390 00	\$1,420,632 77	.	.	.	\$2,273,023 37
433,388 36	1,803,438 88	.	.	\$6,711 83	2,273,537 07
1370,150 46	15,82,064 12	.	.	.	951,213 58
.	.	\$1,165 44	\$153 00	324 79	1,943 23
.
.
.	.140,000 00	.	.	.	140,000 00
.	(?)
.	125,000 00	.	.	.	125,000 00
.	5,000 00	.	.	.	5,000 00
.
.
.	.	.	.	134 93	134 93
.	.	.	.	191 30	191 30
75,266 50	106,724 31	60,218 83	.	.	242,209 64
.
.	6,918 88	.	.	.	6,918 88
.
.
.
.
.
.	5,750 00	.	.	.	5,750 00
.
\$1,750,202 92	\$4,205,518 06	\$31,384 27	\$456 00	\$7,362 94	\$6,024,925 00

* Not reported.
 † Common and preferred.

INCOME ACCOUNT.

Name of Company.	Surplus from operations of year ending June 30, 1908.	Deficit from operations of year ending June 30, 1908.
Abbotsford & Northeastern.....		\$5,639 96
Ahnapee & Western.....	\$11,925 95	
Ashland, Odanah & Marengo.....		11,541 88
Bayfield Transfer.....		85,682 77
Big Falls R'y Co.....		218 17
Chicago, Milwaukee & St. Paul.....	2,720,357 94	
Chicago & Northwestern ¹	1,230,738 73	
Chicago, St. Paul, Minneapolis & Omaha.....		122,083 07
Chicago, Burlington & Quincy.....		
Chicago, Lake Shore & Eastern.....		96,297 01
Chicago, Harvard & Geneva Lake.....		2,355 31
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		181,104 90
Duluth, Superior & Western Terminal.....		
Dunbar & Wausaukee.....	11,774 41	
Fairchild & Northeastern.....		636 30
Great Northern.....	182,282 56	
Green Bay & Western.....		10,350 25
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern.....		615 81
Hillsboro & Northeastern.....	5,664 40	
Illinois Central.....		140,077 49
Iola & Northern.....		546 63
J. R. Davis Lumber Co., Logging R'y.....		
Kewaunee, Green Bay & Western.....	28,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern.....		
Marathon County R'y Co.....		
Marinette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie.....		194,674 61
Northern Pacific ²		
Northwestern Coal R'y Co.....		10,855 66
Oshkosh Transportation Co.....		621 26
Roddis Lumber & Veneer Co., Logging R'y.....		
Robbins R'y Co.....		725 80
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern.....	7,096 03	
Whitcomb & Morris.....		934 50
Winona Bridge R'y Co.....		
Wisconsin Central.....		10,561 42
Wisconsin & Michigan.....		30,766 96
Wisconsin & Northern.....	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	5,750 00	
Waupaca-Green Bay.....	531 56	
Wisconsin Northwestern.....	12,236 67	
Mattoon R'y Co.....	4,742 18	
Total.....	\$4,278,109 84	\$1,099,614 82

¹ Proportional.² \$76,141.39 deficit for the year ending June 30, 1908.

WISCONSIN, 1908—Concluded.

Surplus on June 30, 1907.	Deficit on June 30, 1907.	Additions for year.	Deductions for year.	Surplus on June 30, 1908.	Deficit on June 30, 1908.
\$6,852 88				\$1,212 92	
15,368 15				27,294 10	
11,206 05					\$835 83
436 61	\$724,410 37			218 44	810,038 14
5,635,127 94			\$7,545 47	6,888,321 20	
		\$45,944 68		(*)	
	10,439 18				12,794 40
9,815 64	19,795 23			8,809 72	25,630 35
	1,798,200 83		8,726 06		1,988,031 88
34,195 44			4,010 22	80,185 22	
191,771 63				172,415 88	
9,315 81				8,700 00	
9,115 62				8,568 99	
65,130 19				93,747 01	
1,508 18					18,517 50
25,842 77			906 92		17,349 23
	61,890 78				78,030 88
	58,122 07				63,977 73
2,351 13				1,739 92	
11,417 79				8,945 13	
				7,096 03	
615,234 10		141,841 45	90,498 73	653,015 41	
	3,604 36				1,356 62
				5,750 00	
12,741 13				24,977 80	
(*)	(*)	(*)	(*)	(*)	(*)

* Not reported.

* Totals omitted on account of incomplete reports.

**INCOME ACCOUNT,
Of Roads Operating in Wisconsin as Reported to the
Operating**

Name of Company.	Rail operations.			
	Operating revenues.	Operating expenses.	Net operating revenue.	Net operating deficit.
Abbotsford & N. E.....	\$31,453 01	\$29,405 84	\$2,047 17	
Ahnapee & Western.....	79,174 38	43,542 29	35,632 09	
Ashland, Odanah & M.....	45,755 83	56,660 21		\$10,904 38
Bayfield Transfer	19,181 10	18,220 58	960 52	
Big Falls Ry. Co.....	9,156 09	7,087 60	2,068 40	
Chl., Mil. & St. P.....	56,932,620 50	37,163,368 43	19,769,252 07	
Chicago & Northwestern.....	63,219,344 19	41,641,313 63	21,578,030 56	
Chl., St. P., M. & O.....	12,835,633 93	8,542,481 67	4,293,204 33	
Chl., Burlington & Q.....	77,748,161 52	55,268,407 48	22,479,754 04	
Chl., Lake Shore & E.....	4,348,960 78	2,975,577 10	1,373,383 68	
Chl., Harv. & Geneva L.....	29,162 41	25,892 21	3,280 20	
Chl. & Lake Superior.....	5,757 06	6,278 19		521 13
Chippewa R. & Northern.....	10,749 32	9,848 11	1,401 21	
Chippewa V. & Northern.....	16,931 50	13,852 85	3,078 74	
Drummond & S. W.....	13,632 20	15,708 97		2,076 77
Dul., S. S. & Atlantic.....	2,921,916 02	2,206,214 60	715,701 33	
Dul., Sup. & W. T.....				
Dunbar & Wausaukee.....	31,566 55	18,323 22	13,243 33	
Fairchild & N. E.....	18,601 07	17,938 05	613 02	
Great Northern	54,069,538 74	35,867,600 24	18,201,938 50	
Green Bay & W.....	601,429 04	417,785 72	183,643 32	
Haw., Nebag. & Sup.....	9,446 56	2,848 39	6,598 17	
Hazelhurst & S. E.....	18,180 61	13,306 29	4,874 32	
Hillsboro & N. E.....	13,666 62	7,858 96	5,807 66	
Illinois Central	52,830,426 83	37,898,478 82	14,931,948 01	
Iola & Northern.....	6,749 30	7,414 78		665 48
J. R. Davis L. Co. L. R.....				
Kewaunee, G. B. & W.....	127,048 38	83,010 51	44,037 87	
La Crosse & S. E.....	67,490 28	46,632 16	20,858 12	
Lake Superior T. & T.....	37,772 75	151,756 29		113,983 54
Laona & Northern.....	18,534 72	13,731 79	4,802 93	
Marathon Co. Ry. Co.....	13,111 31	11,406 56	1,704 73	
Marquette, T. & W.....	48,031 09	41,911 08	6,120 06	
Mineral Point & N.....	73,057 13	58,338 21	14,718 92	
M., St. P. & S. Ste. M.....	11,014,214 93	7,081,117 29	3,933,097 64	
Northern Pacific	68,235,484 17	39,865,063 30	28,370,420 87	
N. W. Coal Ry. Co.....	23,276 46	22,043 76	1,232 70	
Oshkosh Trans. Co.....		3,853 73		3,853 73
Roddis L. & V. C. L. R.....	5,342 97	5,342 97		
Robbins Ry. Co.....	29,873 43	27,677 58	2,195 85	
Stanley, Merrill & Phil.....	123,041 02	99,196 63	23,844 39	
Superior & Southeastern.....	37,438 26	27,486 37	10,001 89	
Tomahawk & Eastern.....	14,167 05	6,182 73	7,984 32	
Whitcomb & Morris.....	2,943 76	3,768 85		825 09
Winona Bridge Ry. Co.....				
Wisconsin Central	7,307,311 35	5,130,643 09	2,176,668 26	
Wisconsin & Michigan.....	226,429 83	183,264 97	43,164 86	
Wisconsin & Northern.....	34,759 64	28,264 99	6,494 65	
Wis., Ruby & Southern.....				
Mil., Bay View & Chi.....				
Waupaca-Green Bay	5,245 73	4,384 17	861 56	
Wisconsin Northwestern.....	37,768 87	24,122 91	13,645 96	
Mattoon Ry. Co.....	35,476 88	27,068 46	8,408 42	
Total	\$413,415,187 86	\$275,216,675 75	\$138,231,342 28	\$132,830 12

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Income.

Outside operations.				Total net revenue.	Total net deficit.
Revenues.	Expenses.	Net revenue.	Net deficit.		
.....	.....	.....	.....	\$2,047 17	.....
.....	.....	.....	.....	35,632 09	.....
.....	.....	.....	.....	.....	\$10,904 33
\$160 41	.....	\$160 41	.....	1,120 93	.....
.....	.....	.....	.....	2,069 40	.....
951,874 33	\$577,918 90	373,955 43	.....	20,143,207 50	.....
332,242 98	371,241 53	.....	\$38,998 60	21,539,031 96	.....
97,302 35	96,848 87	453 48	.....	4,323,657 74	.....
548,693 14	528,498 22	15,194 92	.....	22,494,948 96	.....
.....	.....	.....	.....	1,373,383 68	.....
.....	.....	.....	.....	3,280 20	.....
.....	.....	.....	.....	.....	521 13
.....	.....	.....	.....	1,401 21	.....
.....	.....	.....	.....	8,078 74	.....
.....	.....	.....	.....	.....	2,076 77
65,042 36	46,571 99	18,470 37	.....	734,171 70	.....
.....	.....	.....	.....	12,770 33	.....
.....	.....	.....	.....	613 02	.....
908,623 73	574,870 90	333,743 93	.....	18,535,682 43	.....
.....	.....	.....	.....	183,643 32	.....
.....	.....	.....	.....	6,506 17	.....
.....	.....	.....	.....	4,874 32	.....
.....	.....	.....	.....	5,837 60	.....
342,381 82	346,288 72	.....	3,906 90	14,933,041 11	.....
.....	.....	.....	.....	.....	605 48
.....	.....	.....	.....	44,037 87	.....
.....	.....	.....	.....	20,858 12	.....
.....	.....	.....	.....	.....	113,983 54
.....	.....	.....	.....	4,802 93	.....
.....	.....	.....	.....	1,704 73	.....
.....	.....	.....	.....	6,120 06	.....
.....	.....	.....	.....	14,718 92	.....
434,852 20	132,187 80	302,664 40	.....	4,235,762 04	.....
1,797,607 96	1,146,692 10	640,925 86	.....	20,011,376 73	.....
.....	.....	.....	.....	1,232 70	.....
.....	.....	.....	.....	.....	3,853 73
.....	.....	.....	.....	2,195 85	.....
.....	.....	.....	.....	23,844 39	.....
.....	.....	.....	.....	10,001 87	.....
.....	.....	.....	.....	7,984 92	.....
.....	.....	.....	.....	.....	825 00
77,922 52	67,725 43	10,197 09	.....	2,186,965 35	.....
.....	.....	.....	.....	43,161 81	.....
.....	.....	.....	.....	6,494 65	.....
.....
.....	.....	.....	.....	861 56	.....
.....	.....	.....	.....	13,645 96	.....
.....	.....	.....	.....	8,438 42	.....
\$5,541,708 75	\$3,888,843 36	\$1,652,865 80	\$42,905 50	\$133,934,202 62	\$132,830 12

INCOME ACCOUNT,

Name of Company.	Gross corporate income.	Gross corporate loss.	Deductions from	
			Rents accrued.	Joint facilities.
Abbotsford & N. E.....	\$1,080 04			
Ahnapee & Western.....	33,801 13			
Ashland, Odanah & M.....		\$11,541 88		
Bayfield Transfer	753 84			
Big Falls Ry. Co.....	1,611 83		\$1,680 00	
Chl., Mil. & St. P.....	19,609,018 30			\$425,776 19
Chicago & N. W.....	21,855,485 41		41,000 70	230,840 02
Chl., St. P., M. & O.....	3,922,070 18		1,095 50	228,485 31
Chl., Burlington & Q.....	21,465,102 46		16,958 06	745,467 49
Chl., Lake Shore & E.....	1,353,232 45		56,000 00	322,057 22
Chl., Harv. & Geneva L.....	2,903 38			
Chl., & Lake Superior.....		572 83		
Chippewa R. & Northern.....	991 41			
Chippewa V. & Northern.....	2,661 58			
Drummond & S. W.....		2,835 12		
Dul., S. S. & Atlantic.....	578,231 08			28,332 22
Dul., Superior & W. T.....	160,000 00			
Dunbar & Wausaukee.....	11,774 41			
Fairchild & Northeastern.....		636 30		
Great Northern	23,832,147 46		1,208,497 28	150,588 37
Green Bay & Western.....	186,085 91		15,442 16	
Haw., Nebag. & Sup.....	6,001 38			
Hazelhurst & S. E.....	4,385 19		1 00	
Hillsboro & N. E.....	5,064 40			
Illinois Central	16,021,195 37		3,437,645 13	526,621 41
Iola & Northern		546 63		
J. R. Davis L. Co. L. R.....				
Kewaunee, G. B. & W.....	49,638 60			
La Crosse & S. E.....	18,490 23			
Lake Sup. T. & T.....		117,183 08		512 40
Laona & Northern.....	4,342 44			
Marathon Co. Ry. Co.....	1,290 28			
Marinette, T. & W.....	7,406 57			
Mineral Point & N.....	11,495 46			1,183 50
M., St. P. & S. Ste. M.....	3,837,600 15		90 00	133,026 99
Northern Pacific	34,705,900 50		125,451 86	177,070 27
N. W. Coal Ry. Co.....	144 34			
Oshkosh Trans. Co.....	6,207 02			
Roddis L. & V. Co. L. R.....				
Robbins Ry. Co.....	1,620 21			
Stanley, Merrill & Phil.....	21,579 81		600 00	
Superior & Southeastern.....	9,655 49			
Tomahawk & Eastern.....	7,984 92		888 89	
Whitcomb & Morris.....		934 59		
Winona Bridge Ry. Co.....	30,029 32			
Wisconsin Central.....	1,014,947 69			349,157 15
Wisconsin & Michigan.....	38,751 00		6,185 16	
Wisconsin & Northern.....	2,247 74			
Wis., Ruby & Southern.....				
Mil., Bay View & Chi.....	11,500 00			
Waupaca-Green Bay	861 56			
Wisconsin Northwestern.....	13,176 53			
Mattoon Ry. Co.....	7,742 18			
Total	\$150,450,565 97	\$131,250 43	\$3,906,926 34	\$3,319,118 54

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908—continued.

gross corporate income.

Equipment borrowed.	Interest accrued on funded debt.	Other interest.	Other deductions.	Total deduc- tions from gross corporate income.
.....	\$0,720 00	.....	.....	\$0,720 00
\$283 93	21,250 00	.....	\$341 25	21,875 18
.....	75,000 00	\$11,436 61	.....	86,436 61
.....	150 00	.....	.....	1,330 00
268,929 65	5,016,700 00	.....	.....	6,611,405 84
188,228 67	7,502,172 00	3,012 46	225,500 00	8,190,843 85
.....	1,579,047 16	7,842 20	1,145 67	1,817,615 03
356,292 35	7,126,009 33	516,606 78	697,599 67	9,459,024 28
3,113 71	108,416 67	114,271 45	600,000 00	1,263,859 05
.....	6,250 01	1,369 36	.....	7,619 37
.....
.....	3,637 50	.....	.....	3,637 50
.....	3,000 00	.....	.....	3,000 00
.....	850,700 00	979 79	213 48	880,224 40
.....	20,000 00	.....	.....	20,000 00
.....	7,960,385 08	2,088,427 17	155,801 50	11,498,759 40
.....	65,000 00	.....	.....	80,442 16
.....	.....	.....	.....	1 00
36,846 89	4,569,490 00	1,053,240 06	2,361 62	8,626,105 11
.....
.....	20,400 00	621 87	.....	21,021 87
.....	37,500 00	1,000 00	.....	38,500 00
3,844 88	11,700 00	.....	.....	16,057 28
.....	.....	4,207 51	.....	4,207 51
.....	.....	1,098 89	.....	1,098 89
2,413 50	22,500 00	1,547 47	.....	27,644 56
.....	2,234,190 00	.....	.....	2,267,306 90
.....	11,408,427 50	3,106,882 75	.....	14,812,832 38
.....	11,000 00	.....	.....	11,000 00
.....	.....	2,346 10	.....	2,346 10
.....	25,000 00	1,452 50	.....	27,052 50
.....	.....	.....	.....	888 89
.....	19,200 00	.....	.....	19,200 00
111,943 39	1,096,748 34	6,089 38	.....	1,563,938 26
.....	105,550 00	7,802 37	.....	119,837 53
.....
.....	330 00	.....	.....	330 00
.....	.....	229 26	711 00	940 26
.....	.....	3,000 00	.....	3,000 00
\$971,897 06	\$50,800,563 59	\$6,883,553 07	\$1,743,624 28	\$37,625,692 88

INCOME ACCOUNT, WHOLE

Name of Company	Net corporate income.	Net corporate loss.
Abbosford & Northeastern.....		\$5,639 96
Ahnapee & Western	\$11,925 95	
Ashland, Odanah & Marengo.....		11,541 83
Bayfield Transfer		85,682 77
Big Falls Railway Co.....		218 17
Chicago, Milwaukee & St. Paul.....	18,087,552 46	
Chicago & Northwestern	18,664,641 56	
Chicago, St. Paul, Minneapolis & Omaha.....	2,105,054 25	
Chicago, Burlington & Quincy.....	12,006,078 18	
Chicago, Lake Shore & Eastern.....	89,573 40	
Chicago, Harvard & Geneva Lake.....		4,710 99
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		310,992 81
Duluth, Superior & Western Terminal.....	140,000 00	
Dunbar & Wausaukee	11,774 41	
Fairchild & Northeastern.....		636 30
Great Northern	12,333,387 97	
Green Bay & Western.....	105,643 75	
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern.....	4,384 19	
Hillsboro & Northeastern.....	5,664 40	
Illinois Central	7,995,000 26	
Iola & Northern		546 63
J. E. Davis Lumber Co., Logging Ry.....		
Kewaunee, Green Bay & Western.....	23,616 82	
La Crosse & Southeastern.....		20,019 77
Lake Superior Terminal & Transfer.....		133,240 36
Laona & Northern.....	134 93	
Marathon County Ry. Co.....	191 39	
Marinette, Tomahawk & Western.....	7,496 57	
Mineral Point & Northern.....		10,149 10
Minneapolis, St. Paul & Sault Ste. M.....	1,470,293 16	
Northern Pacific	19,893,068 12	
Northwestern Coal Railway Co.....		10,855 66
Oshkosh Transportation Co.....	6,297 62	
Roddis Lumber & Veneer Co., Logging Ry.....		
Robbins Ry. Co.....		725 80
Stanley, Merrill & Phillips.....		2,472 66
Superior & Southeastern.....	9,655 49	
Tomahawk & Eastern.....	7,066 03	
Whitcomb & Morris		934 59
Winona Bridge Ry. Co.....	10,829 32	
Wisconsin Central	351,009 43	
Wisconsin & Michigan.....		81,106 53
Wisconsin & Northern.....	2,247 74	
Wisconsin, Ruby & Southern.....		
Milwaukee, Bay View & Chicago.....	11,500 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern.....	12,236 67	
Mattoon Ry. Co.....	4,742 18	
Total	\$88,383,510 60	\$392,887 04

¹ Fund for permanent improvements and renewals.

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Disposition of Corporate Income.

[illegible]

² Common and preferred.

INCOME ACCOUNT, WHOLE

Name of Company.	Surplus from operations for year ending June 30, 1908.	Deficit from operations for year ending June 30, 1908.
Abbotsford & Northeastern.....		\$5,630 06
Ahnapee & Western.....	\$11,925 05	
Ashland, Odanah & Marengo.....		11,541 88
Bayfield Transfer		85,682 77
Big Falls Ry. Co.....		218 17
Chicago, Milwaukee & St. Paul.....	3,770,512 40	
Chicago & Northwestern.....	4,874,419 47	
Chicago, St. Paul, Minneapolis & Omaha.....	18,141 25	
Chicago, Burlington & Quincy.....		47,464 43
Chicago, Lake Shore & Eastern.....		25,023 08
Chicago, Harvard & Geneva Lake.....		4,710 91
Chicago & Lake Superior.....		572 83
Chippewa River & Northern.....	991 41	
Chippewa Valley & Northern.....		1,005 92
Drummond & Southwestern.....		5,835 12
Duluth, South Shore & Atlantic.....		310,992 81
Duluth, Superior & Western Terminal.....		
Dunbar & Wausaukee.....	11,774 41	
Fairchild & Northeastern.....		636 30
Great Northern		607,233 81
Green Bay & Western.....		19,356 25
Hawthorne, Nebagamon & Superior.....	6,001 38	
Hazelhurst & Southeastern		615 81
Hillsboro & Northeastern	5,664 40	
Illinois Central	1,543,599 26	
Iola & Northern		546 61
J. R. Davis Lumber Co., Logging Ry.....		
Keweenaw, Green Bay & Western	28,616 82	
La Crosse & Southeastern		20,019 77
Lake Superior Terminal & Transfer		133,240 36
Laona & Northern		
Marathon County Ry. Co.....		
Marquette, Tomahawk & Western	7,406 57	
Mineral Point & Northern		16,149 10
Minneapolis, St. Paul & Sault Ste. Marie		61,465 31
Northern Pacific	6,238,117 81	
Northwestern Coal Ry. Co.....		10,855 66
Oshkosh Transportation Co.....		621 26
Roddis Lumber & Veneer Co., Logging Ry.....		
Robbins Ry. Co.....		725 83
Stanley, Merrill & Phillips		2,472 06
Superior & Southeastern	9,655 49	
Tomahawk & Eastern	7,006 03	
Whitcomb & Morris		934 50
Winona Bridge Ry. Co.....	10,829 32	
Wisconsin Central	351,002 43	
Wisconsin & Michigan		81,106 53
Wisconsin & Northern	2,247 74	
Wisconsin, Ruby & Southern		
Milwaukee, Bay View & Chicago	5,750 00	
Waupaca-Green Bay	531 56	
Wisconsin Northwestern	12,236 67	
Mattoon Ry. Co.....	4,742 18	
Total	\$16,750,362 64	\$1,454,707 95

¹ Other property, land grants, profit.

² Depreciation accrued prior to July 1, 1907, on equipment destroyed during the year ended June 30, 1908.

REPORT OF THE RAILROAD COMMISSION.

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LINE, 1900—concluded.

Surplus on June 30, 1907.	Deficit on June 30, 1907	Additions for year	Deductions for year.	Surplus on June 30, 1908.	Deficit on June 30, 1908
\$0,852 88				\$1,212 02	
15,388 15				27,294 10	
11,203 05					\$335 83
436 61	\$724,410 57			218 44	\$10,033 14
38,832,461 01				42,641,973 47	
21,787,208 46			\$9,173 20	26,632,454 73	
3,856,210 83					
47,023,298 87			7,729,063 46	59,246,770 98	
70,483 55				45,447 47	
	20,794 91	145,914 68	252,033 30	3,668,266 49	25,705 10
9,815 64				8,809 72	
	19,795 23				25,680 35
	2,672,292 27		45,068 37		3,024,973 15
34,195 44			4,010 22	30,185 22	
23,766,719 46		4,023,635 90		27,183,091 52	
191,771 63				172,415 38	
9,315 81				8,700 00	
5,321,144 54			1,212,041 65	5,652,702 15	
9,115 62				8,563 19	
65,180 19				\$8,747 01	
1,502 18					18,517 79
25,842 77			906 92		17,349 28
9,182,096 36	61,800 78	520,575 95		6,652,206 97	78,139 84
41,505,707 03	58,122 07	5,738 10	248,108 44	50,611,364 53	68,977 73
2,361 18				1,729 92	
11,417 79				8,945 13	
				7,006 03	
26,057 57				36,886 80	
1,352,377 08		153,474 85	97,921 20	2,258,940 16	92,188 16
	1,382 43				1,350 62
	3,604 36			5,750 00	
12,741 13				24,977 80	
(3)	(3)	(3)	(3)	(3)	(3)

* Totals omitted on account of incomplete reports.

OPERATING REVENUES,

Actual Earnings of Roads Operating in Wisconsin as Reported

Revenue from

Name of Company.	Freight revenue.	Passenger revenue.	Excess baggage revenue.	Parlor and chair car revenue.	Mall revenue.
Abbotsford & N. E.	\$26,271 25	\$3,641 05	\$1 30	.....	\$639 50
Ahnapee & Western.....	39,491 30	32,303 06	721 68	.....	3,059 84
Ashland, Oshkosh & M.....	45,579 58	176 25	.....	.....	.....
Bayfield Trans. cr.....	18,091 22	1,084 90	.....	.....	.....
Big Falls R. & Co.....	8,585 02	374 40	.....	.....	206 67
C. M. & St. Paul.....	11,732,816 69	3,552,348 49	54,604 50	.....	632,772 96
C. & N. W.....	10,850,014 59	4,089,679 75	55,802 47	\$30,020 85	383,473 14
C. St. P., M. & O.....	3,481,501 82	1,682,656 99	27,915 45	10,917 85	94,678 87
Chicago, B. & Q.....	2,587,952 45	648,157 20	11,026 99	233 18	30,779 50
Chicago, L. S. & E.....	19,835 27	.....	.....	.....	.....
Chicago, H. & G. L.....	7,370 05	6,419 16	.....	.....	213 98
Chicago & L. S.....	2,833 59	2,331 69	39 40	.....	.....
Chippewa R. & N.....	9,758 85	85 25	.....	.....	.....
Chippewa V. & N.....	16,931 59	.....	.....	.....	.....
Drummond & S. W.....	13,632 20	.....	.....	.....	.....
Duluth, S. S. & A.....	199,893 91	126,303 45	871 35	.....	9,445 06
Dunbar & Wausaukee.....	31,424 03	174 52	.....	.....	.....
Fairchild & N. E.....	11,712 32	5,188 57	101 05	.....	1,404 05
Great Northern.....	1,122,903 63	103,219 01	1,276 61	.....	4,575 45
Green Bay & W.....	301,233 37	153,551 59	2,743 49	.....	16,904 28
Hawthorne, N. & S.....	9,256 81	5 75	.....	.....	.....
Hazelhurst & S. E.....	18,055 19	22 70	.....	.....	.....
Hillsboro & N. E.....	9,604 8	3,693 59	149 93	.....	221 48
Illinois Central.....	62,308 8	52,810 98	744 14	.....	6,860 73
Iola & Northern.....	4,614 06	1,801 31	27 89	.....	222 28
J. R. Davis L. Co. L Ry.....	.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	85,069 45	30,845 39	653 37	.....	3,553 06
La Crosse & S. E.....	25,597 39	57,887 55	.....	.....	1,247 39
Lake Superior T. & T.....	.....	.....	.....	.....	.....
Laona & Northern.....	18,218 82	315 90	.....	.....	.....
Marathon Co. Ry. Co.....	13,107 91	3 40	.....	.....	.....
Marinette, T. & W.....	41,416 47	5,345 99	168 17	.....	1,045 46
Mineral Point & N.....	61,119 61	8,351 29	217 72	.....	1,181 50
M., St. P. & S. S. M.....	1,288,679 52	309,034 39	3,881 51	.....	45,996 79
Northern Pacific.....	354,175 41	176,037 32	2,376 62	.....	6,326 15
N. W. Coal Ry. Co.....	.....	.....	.....	.....	.....
Roldis L. & V. Co. L Ry.....	5,342 97	.....	.....	.....	.....
Robbins Ry. Co.....	29,873 43	.....	.....	.....	.....
Stanley, M. & P.....	114,409 24	7,181 40	1 00	.....	.....
Superior & S. E.....	37,488 26	.....	.....	.....	.....
Tomahawk & F.....	12,481 87	1,443 14	18 61	.....	66 50
Whitecomb & Morris.....	2,943 70	.....	.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....	.....	.....	.....
Wisconsin Central.....	4,410,751 45	1,287,398 57	14,411 35	.....	1,63,724 13
Wisconsin & Michigan.....	138,515 56	21,457 46	277 89	.....	2,193 36
Wisconsin & Northern.....	19,715 95	14,091 38	38 45	.....	338 18
Wisconsin, Ruby & S.....	.....	.....	.....	.....	.....
Waupaca G. B.....	2,845 68	2,347 17	43 02	.....	.....
Wisconsin N. W.....	36,424 47	1,344 40	.....	.....	.....
Mattoon Ry. Co.....	31,674 57	2,903 80	48 70	.....	423 77
Total.....	\$37,956,338 21	\$12,351,923 21	\$178,785 04	\$41,231 88	\$1 3,042,559

*Proportional.

WISCONSIN, 1908.

to the Railroad Commission for the Year Ending June 30, 1908.

Transportation.

Express revenue.	Milk revenue on passenger trains.	Other passenger train revenue.	Switching revenue.	Special service train revenue.	Miscellaneous transportation revenue.	Total.
\$210 08						\$30,764 9
3,369 50			\$8 00			78,682 38
						45,755 83
						19,181 10
						9,150 09
384,820 18	\$81,014 56	\$1,282 95	\$211,437 50	\$3,787 06	\$3,227 60	\$16,658,112 43
372,629 85	215,038 05	7,490 80	210,393 79	14,864 38	11,639 17	16,240,026 84
161,563 34	6,436 30	1,374 18	30,205 76	6,205 72	2,708 48	5,993,957 76
82,978 20	3,224 93	27 19	9,439 63	250 25	1,114 93	3,384,844 54
			44,133 50			63,969 77
403 54	29 14	6 58			109 25	14,552 83
155 58	382 51					5,742 50
					905 22	10,749 32
						16,931 59
						13,632 20
3,711 41			2,900 50	322 26	109 17	343,550 20
						31,508 55
120 32			60 00			18,587 21
5,427 95			26,413 54	271 10		1,264,087 32
6,310 06		51 80	19,931 75			598,726 34
		214 00				9,446 56
104 75						18,180 61
635 75						13,696 62
7,775 93	162 87	60 14	787 00		303 00	131,812 73
58 85						6,724 30
2 160 75			3,927 25			126,180 15
1,200 00					1,558 04	67,490 28
			31,898 61			31,806 61
						18,534 72
						13,111 31
37 50						48,013 50
1,200 00			81 00			72,150 12
			101 01	1,038 62	387 20	1,658,887 03
19,837 82		116 49	12,470 91	91 85	24 96	571,457 53
			23,276 46			23,276 46
						5,342 97
						29,873 43
24 31			1,200 34	77 83		122,894 12
						37,488 26
157 50						14,167 05
						2,141 76
147,627 33	3,072 56		28,987 68	1,500 00	25 00	5,997,240 09
300 44					30 90	162,851 01
			464 05			34,648 80
9 86						5,245 73
						37,768 87
400 35						35,461 19
\$1,203,292 05	\$309,360 92	\$10,624 13	\$577,007 25	\$28,389 07	\$22,129 01	\$54,139,576 16

*Credit.

OPERATING REVENUES -

Name of Company.	Revenue from Operation			
	Station and train privileges.	Parcel-room receipts.	Storage, freight.	Storage, baggage.
Abbotsford & N. E.				
Adams & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
C. M. & St. P.	\$9,428 08	\$12 20	\$913 77	\$2,362 60
C. & N. W. ¹	8,589 11	225 20	4,548 59	1,853 84
C. St. P., M. & O.	3,072 79		1,514 03	162 00
Chicago, B. & Q.			71 05	160 06
Chicago, L. S. & E.				
Chicago, H. & G. L.	17 16			
Chicago & L. S.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & A.	100 31		3 06	15 33
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern	187 48		866 28	8 90
Green Bay & Western	238 34			
Hawthorne, Neb. & Sup.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	186 53	13 40	05	22 05
Iola & Northern				
J. R. Davis L. Co. L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. E.				
Lake Superior T. & T.				304 40
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, T. & W.				
Mineral Point & N.				
M., St. P. & S. S. M.	1,261 25		413 34	27 05
Northern Pacific			276 94	31 20
N. W. Coal Ry.				
Roddis L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.				
Superior & S. E.				
Tomahawk & Eastern				
Whitecomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,410 03		57 30	
Wisconsin & Michigan	45 94			
Wisconsin & Northern				
Wisconsin, Ruby & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$24,536 90	\$230 80	\$8,237 73	\$4,999 51

¹ Proportional.² Credit.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Concluded.

Other than Transportation.					Total operating revenues.	Mileage upon which based.
Car service.	Telegraph and telephone service.	Rents of buildings and other property.	Miscellaneous.	Total.		
\$16 00	\$41 81		\$562 12	\$898 93	\$31,453 01	15.18
312 00				312 00	79,174 38	34.00
					45,755 83	30.00
					19,181 10	15.81
					9,156 09	21.00
94,662 40	6,056 47	\$16,760 57	4,040 18	164,238 27	16,822,348 70	1,783.10
45,415 29		16,161 04	34,454 02	111,269 09	16,351,296 93	1,973.67
3,324 50		6,394 84	7,251 95	21,630 08	6,015,587 84	757.90
4,386 00	1,029 62	1,157 08	1,354 36	9,058 16	3,363,902 70	223.10
10,382 00				10,382 00	74,351 77	19.42
	11 22			28 38	44,581 21	6.00
	14 47			14 47	5,757 06	3.24
					10,749 32	18.00
					16,931 50	19.32
					13,632 20	8.18
112 78	15 47	466 17	193 91	907 03	344,457 23	115.79
13 00			86	13 86	31,506 55	13.50
1,616 79	82 34	508 18	5,467 41	8,737 47	18,601 07	38.00
2,274 50			189 86	2,702 70	1,272,824 79	38.07
					601,429 04	225.00
					9,446 56	7.35
					18,180 61	11.00
					13,686 62	5.00
461 00			30 64	713 67	132,526 40	91.31
25 00				25 00	6,749 30	4.70
	364 00		474 23	868 23	127,048 38	36.70
262 25		5,307 40		5,874 14	67,490 28	40.81
					37,772 75	21.05
					18,534 72	16.00
					13,111 31	20.25
680 00	90 61		17 50	17 50	48,031 09	25.60
6,289 50	4,356 43	436 94	127 40	907 01	73,057 13	30.60
1,749 52	1,639 91	1,828 14	83 64	12,421 47	1,671,308 50	353.01
			2,775 27	8,300 98	579,758 51	134.77
					23,276 46	8.00
					5,342 97	12.50
					29,879 43	26.00
	146 90			146 90	121,041 02	48.97
					37,468 26	28.30
					14,167 65	20.77
					2,943 76	6.00
11,149 21		3,291 50	5 00	15,043 10	6,013,183 19	886.00
6,015 51		485 33	2,948 47	4,080 44	1,061,941 05	75.05
12 00	94 75			110 75	34,759 64	43.37
					5,245 73	9.85
					37,768 87	44.00
	15 69			15 69	35,476 88	29.36
\$181,812 24	\$14,912 60	\$82,757 51	\$19,406 82	\$170,414 32	\$4,519,901 48	7,306.52

OPERATING REVENUES,
Actual Earnings of Roads Operating in Wisconsin as Reported
Revenue from

Name of company.	Freight revenue.	Passenger revenue.	Excess baggage revenue.	Parlor and chair car revenue.	Mail revenue.
Abbotsford & N. E.....	\$26,271 25	\$3,641 07	\$1 3	.....	\$833 50
Ahnapee & Western.....	39,400 39	32,303 05	721 6	.....	3,053 84
Ashland, Odanah & M.....	45,579 58	176 25	.....	.....	.....
Bayfield Transfer.....	18,094 20	1,086 9	.....	.....	.....
Big Falls R'y Co.....	8,485 02	374 40	.....	.....	236 67
C., M. & St. Paul.....	40,423,870 64	11,883,394 65	195,735 23	.....	1,791,204 96
Chicago & N. W.....	41,049,029 54	15,734,607 34	215,750 21	816,670 22	1,482,699 94
C., St. P., M. & O.....	8,294,691 33	3,090,483 65	62,460 0	21,143 11	2,681,07 72
Chicago, B. & Q.....	52,568,751 78	18,637,278 96	289,647 30	4,173 82	2,311,816 81
Chicago, L. S. & E.....	3,915,439 78	.....	.....	.....	.....
Chicago, H. & G. L.....	14,741 30	12,838 31	1 05	.....	427 96
Chicago & L. Sup.....	2,833 50	2,331 60	39 40	.....	.....
Chippewa R. & N.....	9,758 85	85 25	.....	.....	.....
Chippewa V. & N.....	16,131 59	.....	.....	.....	.....
Drummond & S. W.....	13,032 20	.....	.....	.....	.....
Duluth, S. S. & A.....	1,783,169 83	900,125 94	12,066 9	2,006 80	60,604 01
Dunbar & Wausaukee.....	31,424 03	174 52	.....	.....	.....
Fairchild & N. E.....	11,712 32	5,188 57	101 9	.....	1,404 05
Great Northern.....	40,046,303 85	11,150,222 34	136,032 1	.....	1,581,244 54
Green Bay & Western.....	399,233 37	153,551 59	2,744 48	.....	16,904 28
Hawthorne, N. & S.....	9,226 81	5 75	.....	.....	.....
Hazelhurst & S. E.....	18,053 16	22 70	.....	.....	.....
Hillsboro & N. E.....	9,004 87	3,693 59	140 95	.....	51 48
Illinois Central.....	35,357,810 02	10,991,798 35	150,148 36	9,483 82	936,034 80
Iola & Northern.....	4,614 65	1,801 31	27 80	.....	222 28
J. R. Davis L. Co., L. R.....	.....	.....	.....	.....	.....
Kewaunee, G. B. & W.....	85,069 43	30,845 39	653 37	.....	3,573 16
La Crosse & S. E.....	25,597 30	37,887 55	.....	.....	1,247 39
Lake Superior T. & T.....	.....	.....	.....	.....	.....
Laona & Northern.....	18,218 82	315 90	.....	.....	.....
Marathon Co. R'y Co.....	13,167 91	3 40	.....	.....	.....
Marinette, T. & W.....	41,416 47	5,345 99	168 17	.....	1,015 46
Mineral Point & N.....	61,119 61	8,351 29	217 72	.....	1,180 50
M., St. P. & S. S. M.....	7,828,851 65	2,681,221 84	33,659 88	.....	317,594 13
Northern Pacific.....	46,423,836 31	18,133,238 52	234,342 88	.....	955,320 42
N. W. Coal R'y.....	.....	.....	.....	.....	.....
Roddis L. & V. Co., L. R.....	5,342 97	.....	.....	.....	.....
Robbins R'y Co.....	29,873 43	.....	.....	.....	.....
Stanley, Merrill & P.....	114,409 24	7,181 40	1 06	.....	.....
Superior & S. E.....	37,488 26	.....	.....	.....	.....
Tomahawk & Eastern.....	12,481 87	1,443 14	18 64	.....	66 50
Whitcomb & Morris.....	2,943 76	.....	.....	.....	.....
Winona Bridge R'y Co.....	.....	.....	.....	.....	.....
Wisconsin Central.....	5,321,931 33	1,538,310 55	17,163 88	.....	122,949 84
Wisconsin & Michigan.....	181,223 00	36,449 98	277 89	.....	3,736 80
Wisconsin & Northern.....	19,715 93	14,091 38	38 45	.....	338 18
Wisconsin, Ruby & S.....	.....	.....	.....	.....	.....
Waupaca-Green Bay.....	2,845 68	2,347 17	43 02	.....	.....
Wisconsin N. W.....	36,424 47	1,344 40	.....	.....	.....
Mattoon R'y Co.....	31,674 57	2,903 80	48 70	.....	433 77
Total.....	\$285,317,335 06	\$95,784,467 76	\$1,362,151 47	\$153,389 77	\$9,621,425 76

WHOLE LINE, 1908.

to the Railroad Commission for the Year Ending June 30, 1908.

Transportation.

Express revenue.	Milk revenue (on passenger trains.)	Other passenger train revenue.	Switching revenue.	Special service train revenue.	Miscellaneous transportation revenue.	Total.
\$210 08						\$30,764 08
3,360 50			\$8 00			78,862 38
						45,755 83
						19,181 10
						9,156 09
1,268,944 75	\$471,988 75	\$1,211 81	544,537 19	\$12,588 38	\$15,580 51	56,524,005 88
1,440,706 27	831,405 05	28,951 85	883,909 81	57,470 40	45,000 75	62,789,142 26
310,135 06	24,791 45	2,241 15	105,654 81	10,272 58	5,233 75	12,863,388 18
1,909,282 06	284,561 51	6,869 74	995,588 44	55,804 23	54,723 35	77,086,591 06
			335,851 45			4,249,101 23
807 08	58 25	13 16			218 50	29,105 64
155 58	382 51					5,742 59
					905 22	10,749 32
						16,161 59
						13,632 20
43,093 58		12,361 67	13,659 07	1,905 14	1,891 37	2,890,887 36
			80 00			31,598 55
120 32		961 09	312,028 10	18,065 07	32,763 85	18,587 21
768,693 71		51 80	19,161 75			53,856,815 62
6,310 06						598,726 34
		214 00				9,446 56
104 75						18,180 61
615 75						13,006 62
1,254,095 52	163,002 70	17,409 98	403,578 87	76,413 90	3,060,442 96	52,463,180 24
58 85						6,724 30
2,169 75			3,927 25			126,180 15
1,200 00					1,538 04	67,490 28
			31,806 61			31,898 61
						18,534 72
						13,111 31
37 50						48,013 59
1,200 00			81 00			72,150 12
			5,139 10	9,090 75	2,278 75	10,872,343 03
1,280,619 43		22,063 91	459,607 51	27,828 13	104,532 53	67,081,389 66
			23,276 46			23,276 46
						5,342 97
						29,873 43
24 31			1,200 34	77 83		122,804 12
						37,488 26
157 53						14,167 65
						2,943 76
178,531 51	52,000 20		34,742 26	1,500 00	5,906 77	7,275,796 43
615 82					30 90	222,340 70
			464 05			34,618 89
						5,245 73
9 85						37,708 87
400 35						35,461 19
\$3,472,404 42	\$1,811,631 53	\$35,333 12	\$4,161,811 95	\$246,287 37	\$3,361,133 23	\$410,407,572 46

OPERATING REVENUES.

Name of Company.	Revenue from operation			
	Station and train privileges.	Parcel-room receipts.	Storage—freight.	Storage—baggage.
Abbotsford & N. E.				
Ahiapae & Western				
Ashland, Odanah & M.				
Barfield Transfer				
Big Falls Ry. Co.				
C. M. & St. P.	\$31,311 07	\$544 10	\$1,574 89	\$6,313 15
C. & N. W.	33,208 23	870 70	1,813 32	7,252 60
C. St. P., M. & O.	7,214 08	303 10	7,050 86	930 77
Chicago, B. & Q.	4,584 82	4,735 45	50,536 23	17,483 21
Chicago, L. S. & E.				
Chicago, H. & G. L.	34 32			
Chicago & L. Superior				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & A.	1,100 83		54 55	332 00
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern	20,779 64	11,046 15	11,737 17	22,635 57
Green Bay & Western	236 34			
Hawthorne, Neb. & S.				
Hazelhurst & S. E.				
Hillsboro & N. F.				
Illinois Central	56,200 14	9,906 47	36,702 60	7,761 24
Iola & Northern				
J. R. Davis L. Co. L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. F.				
Lake Superior T. & T.				304 40
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.				
M. St. P. & S. S. M.	11,441 04	35 80	1,724 38	1,219 41
Northern Pacific	528 23		38,828 30	31,845 18
W. & Coal Ry.				
Roddis L. & V. Co. L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.				
Superior & S. E.				
Tomahawk & Eastern				
Whitecomb & Morris				
Winona Bridge R. Co.				
Wisconsin Central	1,884 75	212 10	83 89	1,194 17
Wisconsin & Michigan	45 94			
Wisconsin & Northern				
Wisconsin, Ruby & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon R. Co.				
Total	\$18,700 30	\$26,553 13	\$18,908 10	\$7,280 79

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE. 1918. Concluded.

other than transportation.					Total operating expenses, whole line.	Mileage upon which based.
Car service.	Telegraph and telephone service.	Rents of buildings and other property.	Miscellaneous.	Total.		
\$ 5 00	\$11 81		\$552 12	\$588 93	\$ 1,453 01	15.16
312 00				512 00	79,174 38	34.00
					45,755 83	30.00
					19,181 10	15.86
					9,156 09	21.00
189,722 29	22,100 93	\$134,494 47	10,873 90	408,574 61	50,932,620 50	7516.33
175,590 06		62,483 75	13,210 28	430,201 93	63,219,344 19	7630.84
23,012 00		11,403 55	12,343 33	62,206 75	12,865,693 93	1725.22
207,761 57	185,417 10	100,921 81	90,102 27	661,570 43	77,748,161 57	9023.65
90,689 80		5 00	14 75	90,699 55	4,348,990 79	579.63
	22 45			56 77	29,102 41	11.61
	14 47			14 47	5,757 06	3.24
					10,749 32	18.00
					16,931 59	19.32
					13,632 20	8.18
3,689 07	449 05	10,814 10	5,489 07	22,028 06	2,971,916 02	594.86
13 00			80	13 80	31,548 55	13.50
61,430 19	6,553 65	21,313 36	53,327 38	212,723 12	18,001 07	38.00
2,274 50			189 85	2,702 70	54,069,588 74	6514.56
					601,429 04	225.00
					9,446 56	7.35
					18,180 61	11.00
					13,686 62	5.00
168,342 95		37,715 18	50,498 01	367,246 59	52,830,426 83	4420.46
25 00				25 00	6,749 30	4.70
	384 00		474 23	868 23	127,048 38	36.70
		5,307 49		5,874 14	67,480 28	40.81
262 25					37,772 75	21.05
					18,534 12	16.00
			17 50	17 50	13,111 31	20.25
(83) 00	89 61		127 40	907 01	48,081 09	25.60
27,334 56	50,482 98	37,915 90	5,687 83	141,871 90	73,067 13	8.00
151,089 36	79,419 62	124,765 25	127,008 57	554,094 51	11,014,214 93	2303.91
					68,235,494 17	5633.33
					23,276 46	8.00
					5,342 97	12.50
	146 90			146 90	29,873 43	28.00
					123,041 02	48.97
					37,488 26	28.30
					14,167 65	20.77
					2,943 76	6.00
21,917 74		3,731 36	2,000 00	31,524 92	7,307,311 35	1022.74
601 50		85 51	2,948 47	4,089 44	226,429 83	133.96
12 00	18 75			110 75	34,759 64	43.37
					5,245 73	9.85
	15 09			15 09	37,768 87	44.00
					35,476 88	29.36
\$1,131,926 73	\$351,257 95	\$551,303 71	\$490,533 71	\$7,907,615 40	\$113,415,187 86	48,027.94

OPERATING EXPENSES,

Of Roads Operating in Wisconsin as Reported to the
Maintenance of Way

Name of Company.	Superintendence.	Ballast.	Ties.	Rails.
Abbotsford & Northeastern			\$2,283 43	\$6,636 94
Algonquin & Western	\$17 85	\$1,586 07	1,505 42	1,083 94
Ashland, Odanah & Marengo				527 85
Bayfield Transfer			2,809 42	
Big Falls R'y Co.				
Chicago, Milwaukee & St. Paul	56,998 42	15,004 91	141,898 74	46,171 07
Chicago & Northwestern	42,066 81	20,909 23	289,985 47	100,689 08
Chi., St. P., Minneapolis & O.				
Chicago, Burlington & Northern				
Chicago, Lake Shore & Eastern			4,547 36	259 53
Chi., Harvard & Geneva Lake	181 00	233 08	819 93	
Chicago & Lake Superior		73 20	133 00	
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern			465 64	
Duluth, South Shore & Atlantic	2,708 98	1,528 49	12,185 18	3,307 52
Dunbar & Wausaukee				1,086 00
Fairchild & Northeastern	300 00			
Great Northern	10,478 57	2,592 50	17,646 13	3,961 41
Green Bay & Western	780 00	145 00	30,500 00	12,000 00
Hawthorne, Nebagamun & Sup'r				
Hazellhurst & Southeastern			518 73	
Hillsboro & Northeastern				
Illinois Central	5,470 53	43 93	5,922 56	
Iola & Northern			1,030 11	
J. R. Davis Lumber Co., Log R'y				
Keweenaw, Green Bay & W.	317 85		5,500 00	6,000 00
La Crosse & Southeastern	42 50		522 70	35
L. Superior Terminal & Transfer	885 29	471 31	2,484 03	3,702 36
Laona & Northern				
Marathon County R'y Co.				
Marquette, Tomahawk & Western	474 41		842 13	762 20
Mineral Point & Northern	726 78	825 18		
Minneapolis, St. P. & S. Ste. Marie	6,247 32		38,492 27	
Northern Pacific	8,665 65	101 95	36,891 29	17,574 69
Northwestern Coal R'y Co.	300 00		1,724 18	
Oshkosh Transportation Co.	780 00		461 16	
Roddis L. & V. Co. L. R'y				
Robbins R'y Co.				
Stanley, Merrill & Phillips	1,210 65	2,730 05	4,861 76	12 00
Superior & Southeastern	1,200 00		4,630 00	
Tomahawk & Eastern	140 57			
Whitcomb & Morris			360 00	
Winona Bridge R'y Co.	258 20			
Wisconsin Central	29,882 98	210 00	87,993 58	24,800 08
Wisconsin & Michigan	1,402 90	39 91	846 43	
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca Green Bay				
Wisconsin Northwestern				
Mattoon R'y Co.			1,358 03	
Total	\$221,487 28	\$53,161 41	\$801,238 18	\$227,911 61

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1903.

Rail road Commission for the Year Ending June 30, 1903.
and Structures.

Other track material.	Roadway and track.	Removal of snow, sand and ice.	Tunnels.	Bridges, trestles and culverts.	Over and under grade crossings.
\$1,147 73	\$5,001 38			\$3,441 44	
684 91	6,350 32	\$300 00		3,379 50	
	9,581 17				
		3,175 29			
89,179 01	553,392 94	65,893 57		176,316 81	\$2,228 09
113,909 78	904,075 75	48,714 26	\$733 06	189,481 72	5,989 61
854 44	4,191 29			243 06	
75 14		133 87		103 97	
	826 45			40 10	
	6,423 40			4 19	
7,437 89	40,045 69	4,062 19		2,973 11	51
		5,025 00			
	4,630 32			1,230 00	
17,191 72	85,261 14	1,900 55		6,776 02	5,545 58
713 74	47,782 73	1,588 92		4,999 05	
	115 57				
11 19	737 50	51 30			
	2,154 58				
1,185 68	18,586 88	1,184 86	749 81	9,437 17	10 50
11 20	391 70				
852 78	8,903 59	300 00		1,271 64	
33 10	8,819 21	6 25		12 44	
3,261 14	7,604 55	438 42		2 25	
		1,904 44			
429 14	5,007 03			610 24	
103 50	5,007 10	77 03		349 59	
6,817 41	101,988 31	2,582 72		75,273 03	
14,007 77	53,580 86	1,790 62		43,178 34	65 93
77 32	2,714 34				
22 44	1,100 00	89 55			
68 43	13,472 54			737 46	
	2,613 71				
1,581 00					
46,149 48	245,956 17	11,777 23		165 77	
				62,029 49	1,492 73
187 80	12,644 90	237 15		251 88	
12 30	3,141 07				
	796 63				
451 65	4,349 98				
\$278,616 69	\$2,175,385 61	\$151,919 82	\$1,483 47	\$583,100 09	\$15,333 01

* Credit.

OPERATING EXPENSES.

Maintenance of Way

Name of Company.	Grade crossings, fences, cattle guards and signs.	Snow and sand, fences and snowsheds.	Signal and interlocking plants.	Telegraph and telephone lines.
Abbotsford & Northeastern.....	\$103 17	\$1 65		\$7 42
Alnapee & Western.....	536 39			
Ashland, Olanau & Marengo.....				
Bayfield Transfer.....			\$77 48	
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul ¹	41,613 24	3,670 15	22,901 16	15,800 58
Chicago & Northwestern.....	39,692 01	1,920 05	38,380 84	10,150 10
Chicago, St. Paul, M. & O. ²				
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....	2 24			
Chicago, Harvard & Geneva Lake.....	20 76			2 62
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	842 41	42 64	73 81	476 95
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	544 99	31 50	2,746 44	3,742 15
Green Bay & Western.....	511 46			717 08
Hawthorne, Nebagamon & S.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	3,478 20	34 09	78 50	412 55
Iola & Northern.....	3 50			
J.R.Davis Lumber Co Logging Ry.....				
Kewaunee, Green Bay & Western.....	1,058 63			120 00
La Crosse & Southeastern.....	19 33			15 20
Lake Superior Terminal & Trans.....	253 33		20 85	
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	22 30			11 25
Mineral Point & Northern.....	131 77	26 33		30 20
Minneapolis, St. P. & Sault Ste. M.....	2,733 52	153 57	713 59	2,516 00
Northern Pacific.....	1,190 07	44 20	348 51	1,138 67
Northwestern Coal R'y Co.....			137 32	
Oshkosh Transportation Co.....	253 95			
Roddis Lumber & Veneer Co. L.R.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	123 88		5 54	611 50
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	15,473 41	378 56	2,988 68	5,032 02
Wisconsin & Michigan.....	53 37		49 97	451 71
Wisconsin & Northern.....				
Wisconsin, Ruzy & Southern.....				
Waupaca Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				24 65
Total.....	\$108,527 08	\$6,278 74	\$38,520 69	\$11,320 65

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.
and Structures—Continued.

Electric power trans- mission.	Buildings, fixtures and grounds.	Docks and wharves.	Roadway tools and supplies.	Injuries to persons.	Stationery and printing.
	\$127 21		\$63 37		
	1 305 82	\$576 04	74 82		\$1 25
	279 30				
	150 30				
	182,307 89	41,010 52	34,702 06	\$11,170 48	2,198 34
	119,410 12	11,704 64	12,521 52	14,372 13	2,813 74
	883 93		15 16		311 48
\$324 04	132 90	2 90	18 30		
	3,067 40	2,478 09	975 88	346 64	93 32
	262 62		2,856 00		
	35,198 31	9,901 81	1,524 73	553 81	287 17
	7,180 22	24 25	1,150 63	130 45	11 27
	61 04		2 60		
	216 17				
	4,467 70		559 16	104 60	312 15
	177 73		6 24		5 00
	1,207 35	155 95	176 52	11 50	11 25
	90 10		37 15		
	2,475 19		98 78		31 83
	126 01		102 80		
	756 38		131 11		14 17
	16 642 30		2,680 84	550 61	183 17
	3,570 35		1,437 39	110 51	174 25
	245 83		31 67	3 88	
	726 00		246 20		36 00
	15 10				
	50,340 01	22,012 30	6,680 08	49,067 87	1,417 44
	1,543 77	324 40	369 81	41	11 40
	25 11				
			14 37		
\$324 04	\$172,903 02	\$88,230 08	\$35,811 51	\$61,551 98	\$7,913 39

^a Credit.

OPERATING EXPENSES.

Maintenance of Way and Structures—Concluded.

Name of Company.	Other expenses.	Maintaining joint tracks, yards, and other facilities. Dr.	Maintaining joint tracks, yards and other facilities. Cr.	Total.
Abbotsford & Northeastern.....				\$18,827 74
Ahnapee & Western.....	\$73 62			17,445 95
Ashland, Odanah & Marengo.....	8,053 31			19,342 23
Bayfield Transfer.....				4,272 58
Big Falls R'y Co.....	2,373 85			2,373 85
Chicago, Milwaukee & St. P. ¹	62,041 32	\$9,316 81	\$25,022 22	1,629,714 78
Chicago & Northwestern.....	331 09	23,388 96	12,000 32	2,063,574 25
Chicago, St. P. Minn. & Omaha ¹	\$702,228 91			702,228 91
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & East'n.....	9 62			11,351 13
Chl., Harvard & Geneva Lake.....	170 00	570 14		2,788 74
Chicago & Lake Superior.....				1,075 75
Chippewa River & Northern.....	2,774 97			2,774 97
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				6,805 23
Duluth, South Shore & Atl.....	1,348 68	2,356 65	1,770 47	92,171 06
Dunbar & Wausaukee.....	442 04			9,419 64
Fairchild & Northeastern.....	17 05			6,475 90
Great Northern.....	2,800 02	10,306 16		219,239 71
Green Bay & Western.....	301 15	3,061 00	17 86	111,507 69
Hawthorne, Nebagamon & S.....				115 57
Hazelhurst & Southeastern.....				1,382 36
Hillsboro & Northeastern.....				2,370 75
Illinois Central.....	1,102 01			53,211 01
Iola & Northern.....	\$270 41			1,355 07
J. R. Davis Lbr. Co., Log. Ry.....				
Kewaunee, Green B. & West'n.....	60 89		1,827 57	24,160 38
La Crosse & Southeastern.....	14 17			9,612 50
Lake Sup. Term'l & Transfer.....	624 75	285 00	127 12	22,320 39
Laona & Northern.....				1,904 44
Marathon County R'y Co.....	4,150 80			4,150 80
Marinette, Tomahawk & W'n.....				8,522 76
Mineral Point & Northern.....	115 75	2,045 82		11,253 31
Minn., St. P. & Sault Ste. Marie.....	653 89	2,163 68		260,413 92
Northern Pacific.....		10,613 74	2,147 84	192,386 85
Northwestern Coal R'y Co.....		106 14		5,305 13
Oshkosh Transportation Co.....	90			2,743 77
Roddis Lbr. & Ven'r Co., L'g Ry.....	679 98			679 98
Robbins R'y Co.....	\$11,769 66			11,769 66
Stanley, Merrill & Phillips.....	10 00	1 94		24,835 03
Superior & Southeastern.....	1,651 51			7,461 51
Tomahawk & E.....	24 03			2,793 41
Whitcomb & Morris.....				1,941 00
Winona Bridge R'y Co.....	19 66		1,233 63	
Wisconsin Central.....	239 50	30,108 63	4,078 17	608,342 39
Wisconsin & Michigan.....	2,229 22	1,268 73		21,913 94
Wisconsin & Northern.....				3,178 48
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				796 63
Wisconsin Northwestern.....	2,031 80			2,031 80
Mattoon R'y Co.....				6,201 68
Total.....	\$900,890 74	\$105,633 43	\$48,891 20	\$6,397,632 42

¹ Estimated.
² Not itemized.

WISCONSIN, 1908 - Continued.

Maintenance of Equipment.

Superin- tendence.	Steam locomotives— repairs.	Steam locomotives— renewals.	Steam locomotives— depreciation.	Electric locomotives— repairs.
	\$145 23		\$120 00	
	1,911 02		530 00	
	4,890 26		1,300 00	
\$176 50		\$103 32		
33,850 06	627,703 25		49,221 14	
51,945 25	671,327 85		83,210 09	
287 01	1,182 39		1,494 64	
236 00	443 30			\$217 05
	3,151 87			
1,742 98	14,166 58	1 04	2,648 84	
	851 51			
4,406 84	57,208 20		25,978 04	
1,983 00	21,747 05		7,866 67	
	494 13			
	500 30			
	625 75			
900 32	10,503 44	479 16		
	1,672 27		146 67	
900 00	3,168 94		933 33	
	1,787 42			
855 15	9,997 68		5,020 72	
	729 52			
474 45	2,850 43		240 00	
1,086 71	6,703 26		1,400 04	
5,307 96	92,678 39		4,907 40	
3,656 61	45,449 47		12,757 44	
	2,072 93		1,016 66	
702 50	8,067 05		2,735 46	
700 00				
140 55	308 71			
	22 85			
17,107 17	265,087 04		32,387 17	
	1,650 48	7,072 31	1,908 25	
	262 34			
	3,000 17			
150 00	1,049 05			
\$125,574 03	\$1,863,061 02	\$7,715 83	\$235,601 16	\$217 05

³ Proportional.⁴ Credit.

OPERATING EXPENSES.

Maintenance of

Name of Company.	Electric locomotives—depreciation.	Passenger-train cars—repairs.	Passenger-train cars—renewals.	Passenger-train cars—depreciation.
Abbotsford & N. E.....		\$15 70		\$90 00
Ahnapee & Western.....		1,149 83		466 67
Ashland, Odanah & M.....				
Bayfield Transfer.....		110 45		30 33
Big Falls Ry. Co.....				
C., M. & St. P. ¹		157,520 57	\$1,032 18	30,230 38
Chicago & Northwestern.....		144,878 83		25,439 72
C., St. P., M. & O.....				
Chl., Burl & Quincy.....				
Chl., L. S. & Eastern.....				
Chl., Harv. & G. Lake..	\$304 74	336 67		127 08
Chl. & Lake Superior.....		45 11		
Chp. River & Northern.....				
Chp. Valley & Northern.....				
Drummond & S. W.....				
Duluth, S. S. & Atlantic.....		6,499 11		1,516 40
Dunbar & Wausaukee.....				
Fairchild & N. Eastern.....				
Great Northern.....		4,500 00	31	2,514 47
Green Bay & Western.....		9,055 13		4,573 31
Hawthorne, Neb. & Sup..				
Hazelhurst & S. E.....		47 95		
Hillsboro & N. Eastern.....			8 70	
Illinois Central.....		2,479 96	77 34	
Iola & Northern.....		117 52		53 33
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....		2,511 95		936 67
La Crosse & S. E.....		738 94		
Lake Sup. Ter. & T.....				
Laona & Northern.....				
Marathon Co. Ry Co.....				
Marinette, Tom. & W.....		160 72		90 00
Mineral Pt. & Northern.....		255 09		750 00
M., St. P. & S. Ste. M.....		21,768 62		2,074 21
Northern Pacific.....		5,094 52	*37 18	3,358 93
N. W. Coal Ry Co.....				
Oshkosh Transport. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry Co.....				
Stanley, Merrill & Phil.....		458 28		131 61
Sup. & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry Co.....				
Wisconsin Central.....		75,815 87	7,705 02	7,303 93
Wisconsin & Michigan.....		2,196 30		883 63
Wisconsin & Northern.....				
Wis., Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....		56 73		
Total.....	\$304 74	\$436,538 51	\$11,756 37	\$81,250 91

¹ Estimated.² Credit.

WISCONSIN, 1908—Continued.

Equipment—Continued.

Freight-train cars—repairs.	Freight-train cars—renewals.	Freight-train cars—depreci- ation.	Electric equip- ment of cars— repairs.	Electric equip- ment of cars— depreciation.
651 45		\$55 02		
981 53		530 00		
3,100 35		1,140 00		
441 12		625 68		
740,881 24	\$21,135 00	111,655 66		
526,234 15	1,077 80	191,863 51		
4,040 84		2,647 40		
2 63		10 26	\$91 03	\$30 00
1,070 25				
21,834 16	431 59	7,514 87		
130 20				
45,708 72	4,879 49	43,640 65		
23,361 47		26,489 99		
282 31				
414 82				
8,966 46	1,083 08			
5,953 20		6,766 67		
437 84				
2,274 97				
1,561 93				
2,585 64		298 44		
730 58		900 00		
96,778 26	1,940 68	12,203 82		
19,959 30	741 47	14,279 23		
7,813 92		4,277 58		
16 02				
307,651 58	3,791 59	81,399 03		
9,489 89	326 68	9,770 53		
353 56				
3,776 44				
1,102 20				
\$1,851,142 72	\$33,928 34	\$516,068 23	\$91 03	\$30 00

OPERATING EXPENSES,
Maintenance of

Name of Company.	Equipment borrowed —Dr.	Equipment loaned—Cr.	Work equip- ment— repairs.	Work equip- ment— renewals.
Abbotsford & N. E.....				
Ahnapee & Western				
Ashland, Odanah & M..			\$2 91	
Bayfield Transfer				
Big Falls Ry. Co.....				
Chl., Milw. & St. Paul ¹	\$212,376 49	\$182,950 62		
Chicago & N. W.....			12,378 38	
C., St. P., M. & O.....				
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L..			41 60	
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....				
Dunbar & Wausaukee ..				
Fairchild & N. E.....				
Great Northern	4,896 18	5,052 83	6,966 75	\$57 04
Green Bay & Western ..		2,012 24	662 09	
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central		2 69		
Iola & Northern				
J. R. D. L. Co., L. Ry..				
Kewaunee, G. B. & W..				
La Crosse & S. E.....				
Lake Superior T. & T..				
Laona & Northern				
Marathon Co. Ry. Co...				
Marinette, T. & W.....	2,463 84			
Mineral Point & N.....				
M., St. P. & S. S. M...	13,021 90	23,841 80	2,477 45	
Northern Pacific	2,489 58	3,021 27	1,549 99	17 54
N. W. Coal Ry. Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, Merrill & P....			231 19	4,624 27
Superior & S. E.....				
Tomahawk & Eastern ..				
Whitcomb & Morris ..				
Winona Bridge Ry. Co..				
Wisconsin Central	110,523 97	91,865 28	10,888 06	
Wisconsin & Michigan ..	5,103 47	8,081 67		
Wisconsin & Northern ..				
Wisconsin, Ruby & S...				
Waupaca-Green Bay	363 06			
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	\$351,237 44	\$316,828 40	\$35,214 02	\$4,608 85

¹ Estimated.

WISCONSIN, 1908—Continued.

Equipment—Continued.

Work equipment depreciation.	Shop ma- chinery and tools.	Power plant equipment.	Injuries to persons.	Stationery and printing
.....
\$80 00	.....	.....	.....	.....
5 13	\$11 71	.....	.....	.....
.....	1 75	.....	.....	.....
.....
.....	46,997 20	.....	\$8,781 81	\$3,659 06
4,266 36	42,170 85	.....	7,211 15	3,649 98
.....
.....	.....	.....	.....	17.21
.....
80 00	14 37	\$334 23	.....	.....
.....
.....
.....	1,401 09	.....	80 28	94 08
.....
1,316 02	6,537 91	.....	1,079 63	187 83
1,070 00	3,098 99	142 89	34 00	43 52
.....
.....
.....	449 05	.....	54 44	94 82
.....	.....	.....	.....	5 00
.....
.....	.....	.....	.....	13 25
.....	2 14	.....	.....	.....
.....	183 59	.....	.....	41 73
.....
.....
1 44	232 11	.....	.....	.....
.....	281 82	.....	.....	1 00
223 75	6,442 07	1,627 10	274 41	504 75
1,119 43	1,340 63	.....	124 65	122 16
.....
.....
736 08	102 45	.....	.....	10 75
.....
.....
.....
3,304 78	21,024 48	.....	32,037 26	1,199 14
.....
.....	344 58	.....	41	54 55
.....
.....
.....	362 27	.....	.....	.....
.....
\$12,153 64	\$181,001 56	\$2,104 23	\$49,681 54	\$9,899 38

OPERATING EXPENSES.

Maintenance of equipment, concluded.				
Name of Company.	Other expenses	Maintenance of joint equipment at terminals —Dr.	Maintenance of joint equipment at terminals —Cr.	Total.
Abbotsford & N. E.....	\$380 00			\$1,028 30
Ahnapee & Western	267 68			5,877 60
Ashland, Odanah & M.	48 49			10,383 72
Bayfield Transfer				1,554 04
Big Falls Ry. Co.....	1,101 00			1,101 00
Chl., Milw. & St. Paul ¹ ..	21,504 65	\$768 30	\$345 35	1,806,104 02
Chicago & N. W.....	3,079 11	1,681 50	527 25	1,768,927 88
C., St. P., M. & O. ²	\$748,329 88			748,329 88
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....	60 07			10,630 46
Chicago, Harv. & G. L.				1,776 56
Chicago & Lake Sup.....				483 50
Chippewa R. & N.....	505 07			505 07
Chippewa V. & N.....	3,191 04			3,191 04
Drummond & S. W.....				4,222 12
Duluth, S. S. & Atl.....	1,008 17	5,379 88	6,615 17	57,707 75
Dunbar & Wausaukee ..	717 38			717 38
Fairchild & N. E.....	70 56			1,061 38
Great Northern	3,775 12	6,924 95	61	215,775 86
Green Bay & Western ..	1,186 45			102,288 35
Hawthorne, Nebag. & S.				726 44
Hazelhurst & S. E.....				1,029 07
Hillsboro & N. E.....				634 45
Illinois Central	368 12	1,481 87		26,975 37
Iola & Northern	31 00			1,425 79
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W....	628 73		2,597 44	18,945 70
La Crosse & S. E.....	90 78	30 00		3,083 62
Lake Superior T. & T....	1,163 79			19,537 63
Laona & Northern				2,204 45
Marathon Co. Ry. Co.....				
Marquette, T. & W.....				9,397 07
Mineral Point & N.....	137 40			12,301 90
M., St. P. & S. S. M.....	43 74			239,070 26
Northern Pacific	1,501 77	8,302 06		117 934 07
N. W. Coal Ry. Co.....				3,060 59
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry....	827 01			827 01
Robbins Ry. Co.....	\$2,731 00			2,731 00
Stanley, Merrill & P....	\$1,376 53			31,271 00
Superior & S. E.....	3,683 78			4,383 78
Tomahawk & Eastern				465 28
Whitcomb & Morris				22 85
Winona Bridge Ry. Co....				
Wisconsin Central	2,347 13	5,414 50	192 00	838,053 98
Wisconsin & Michigan ..	743 76			31,436 19
Wisconsin & Northern				615 90
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				363 06
Wisconsin Northwestern ..				6,845 61
Mattoon Ry. Co.....	181 97			2,866 32
Total	\$801,162 62	\$30,073 66	\$10,277 91	\$6,263,391 44

¹ Estimated.² Proportional.³ Not itemized.⁴ Credit.⁵ Includes \$1,855.16 equipment borrowed, Dr.

WISCONSIN, 1908—Continued.

Traflic expenses.

Superintendence.	Outside agencies.	Advertising.	Traffic associations.	Fast freight lines.
\$300 00		\$10 89		
64,096 40	\$155,439 50	94,437 11	\$7,592 43	
65,293 74	118,045 12	59,034 17	4,805 48	
175 51		1 95	72	
123 50		4 03		
5,380 83	6,506 84	926 28	23 19	\$900 12
2,497 68	5,704 18	1,070 67	135 46	
1,900 43	300 00	400 20	119 50	
999 42	1,554 47	311 44	109 98	3 30
600 00		79 06		
1,451 30				
485 45		8 50		
600 00		49 90		
8,685 83	10,339 49	3,033 17	384 12	1,063 33
2,689 32	5,024 05	2,327 89	240 03	
1,143 25		7 50	28 07	
46,738 25	140,090 66	12,140 47	1,366 92	
1,271 88	2,101 18	406 58		
\$204,722 84	\$451,755 49	\$175,211 78	\$14,816 90	\$1,126 75

OPERATING EXPENSES.

Name of Company.	Traffic expenses, concluded.			
	Industrial and Immigration bureaus.	Stationery and printing.	Other expenses.	Total.
Abbotsford & N. E.				
Ahnapee & Western		\$31 09		\$331 09
Ashland, Odanah & M.				
Bayfield Transfer		50		11 39
Big Falls Ry. Co.				
Chl., Milw. & St. Paul	\$2,003 21	21,716 17	\$539 97	345,814 79
Chicago & N. W.	770 93	31,475 06		279,485 40
C., St. P., M. & O. ²			\$115,199 01	115,193 01
Chicago, Burl. & Q.				
Chicago, L. S. & E.		26 21	07	204 46
Chicago, Harv. & G. L.		7 00	5 05	139 55
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		1,094 07	3 97	14,000 36
Dunbar & Wausaukee				
Fairchild & N. E.			8 25	8 25
Great Northern	465 30	812 58	203 25	10,919 12
Green Bay & Western		1,584 07	30 23	4,335 03
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	53 24	609 47	26 41	3,667 73
Iola & Northern		5 00		5 00
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		62 23		662 23
La Crosse & S. E.		128 37	25 70	1,684 53
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, T. & W.		198 26	24 32	716 53
Mineral Point & N.		27 25		677 15
M., St. P. & S. S. M.	800 43	3,356 69		34,863 05
Northern Pacific	537 94	708 11	9 67	12,143 01
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		190 37		1,375 19
Superior & S. E.				
Tomahawk & Eastern			193 31	193 31
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,037 65	13,017 77	204 21	214,585 03
Wisconsin & Michigan		806 33	21	4,648 18
Wisconsin & Northern			101 46	101 46
Wisconsin, Itinby & S.				
Waupaca-Green Bay			163 04	163 04
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$5,603 70	\$75,894 65	\$116,732 13	\$1,045,929 24

¹ Estimated.² Proportional.³ Not itemized.⁴ Including station supplies, yardmen, etc.⁵ Station service.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.

Transportation expenses.					
Superin- tendence.	Dispatching trains.	Station employees.	Weighing and car service asso- ciations.	Coal and oar docks.	Station supplies and expenses.
.....	.....	\$1,310 23	\$23 16	.....	\$28 83
\$422 75	.....	4,044 00	.....	.....	350 39
736 85	\$495 51	557 60	.....	.....	4 05
.....	.....	572 29	.....	.....	.....
.....
86,228 12	78,311 90	872,123 83	21,569 75	\$174 89	66,444 37
97,303 37	61,760 04	849,348 33	21,699 67	29,947 34	63,973 02
.....
977 45	.....	2,097 00	.....	.....	14 61
.....
511 00	100 00	56 25	27 50	.....	.....
1,200 00	.....	120 00	.....	.....	.....
.....
.....
2,666 78	2,723 50	21,682 69	261 50	5,724 63	1,565 51
.....	.....	780 00	.....	.....	.....
900 00	.....	1,137 70	.....	.....	.....
7,608 32	3,975 47	111,695 63	2,571 40	.....	9,085 87
2,743 58	2,050 00	24,626 52	468 45	.....	1,771 51
.....
.....	.....	611 00	.....	.....	.....
.....	.....	803 75	.....	.....	.....
3,560 70	1,857 50	16,457 83	71 19	.....	1,359 36
.....	.....	451 40	.....	.....	30 11
.....
1,146 00	420 00	5,204 25	.....	.....	163 95
2,591 23	.....	2,333 84	.....	.....	66 52
856 31	.....	5,820 00	27 22	.....	1,536 15
.....
.....
478 33	.....	1,154 51	44 59	.....	207 96
600 00	355 10	2,531 07	.....	.....	724 35
12,304 24	7,498 20	54,004 59	1,512 08	.....	5,613 65
5,156 50	4,909 00	36,242 63	2,322 12	.....	2,157 12
.....
.....	.....	530 63	60 00	.....	50
.....
1,500 00	.....	.....	.....	.....	.....
1,301 33	.....	1,392 68	.....	.....	230 23
.....
1,320 00	.....	.....	.....	.....	.....
.....	141 23	*847 51	.....	.....	.....
.....
119 27	.....	.....	.....	.....	.....
51,439 57	35,622 20	335,847 94	8,889 65	18,559 37	30,504 76
.....
1,583 31	1,377 59	6,256 84	90 92	.....	986 85
.....	.....	*3,920 80	.....	.....	.....
.....
.....	.....	374 33	.....	.....	117 41
.....
290 00	.....	700 00	.....	.....	23 40
.....
\$285,419 05	\$200,992 14	\$2,366,187 66	\$59,648 20	\$54,406 18	\$187,005 83

OPERATING EXPENSES.

Name of Company.	Traffic expenses, concluded.			
	Industrial and immigration bureaus.	Stationery and printing.	Other expenses.	Total.
Abbotsford & N. E.				
Ahnapee & Western		\$31 09		\$331 09
Ashland, Odanah & M.				
Bayfield Transfer		50		11 39
Big Falls Ry. Co.				
Chl., Milw. & St. Paul	\$2,003 21	21,716 17	\$539 97	345,814 79
Chicago & N. W.	770 93	31,475 96		279,485 40
C., St. P., M. & O. ²			\$115,109 01	115,193 01
Chicago, Burl. & Q.				
Chicago, L. S. & E.		26 21	07	204 46
Chicago, Harv. & G. L.		7 00	5 05	139 55
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		1,094 07	3 97	14,000 36
Dunbar & Wausaukee				
Fairchild & N. E.			8 25	8 25
Great Northern	465 30	812 58	203 25	10,919 12
Green Bay & Western		1,584 67	30 23	4,335 03
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	53 24	607 47	26 41	3,667 73
Iola & Northern		5 00		5 00
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		62 28		662 28
La Crosse & S. E.		128 87	25 70	1,684 53
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, T. & W.		198 26	24 32	716 53
Mineral Point & N.		27 25		677 15
M., St. P. & S. S. M.	800 43	3,556 60		34,863 05
Northern Pacific	537 94	708 11	9 07	12,143 01
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		196 37		1,375 19
Superior & S. E.				
Tomahawk & Eastern			193 31	193 31
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,037 65	13,017 77	204 21	214,585 93
Wisconsin & Michigan		806 33	21	4,648 18
Wisconsin & Northern			101 46	101 46
Wisconsin, Ituby & S.				
Waupaca-Green Bay			163 04	163 04
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	\$5,668 70	\$75,894 65	\$116,732 13	\$1,045,929 24

¹ Estimated.² Proportional.³ Not itemized.⁴ Including station supplies, yardmen, etc.⁵ Station service.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.

Transportation expenses.					
Superin- tendence.	Dispatching trains.	Station employees.	Weighing and car service asso- ciations.	Coal and car docks.	Station supplies and expenses.
.....	.....	\$1,310 23	\$23 16	.....	\$28 83
\$422 75	.....	4,044 00	.....	.....	350 39
736 85	\$495 51	557 60	.....	.....	4 05
.....	.....	572 29	.....	.....	.....
.....
86,223 12	78,311 90	872,123 83	21,569 75	\$174 89	66,444 37
97,303 37	61,700 04	849,348 33	21,699 67	29,947 34	63,973 02
.....
977 45	.....	2,097 00	.....	.....	14 61
.....
511 00	100 00	56 25	27 50	.....	.....
1,200 00	.....	120 00	.....	.....	.....
.....
.....
2,666 78	2,723 50	21,682 69	261 50	5,724 53	1,565 51
.....	.....	780 00	.....	.....	.....
900 00	.....	1,137 70	.....	.....	.....
7,003 32	3,975 47	111,695 63	2,571 40	.....	9,085 87
2,743 59	2,050 00	24,626 52	418 45	.....	1,771 31
.....
.....	.....	611 00	.....	.....	.....
.....	.....	803 75	.....	.....	.....
3,560 70	1,357 50	16,457 83	71 19	.....	1,350 36
.....	.....	451 40	.....	.....	30 11
.....
1,146 00	420 00	5,204 25	.....	.....	168 95
2,561 28	.....	2,833 84	.....	.....	66 52
855 31	.....	5,820 00	27 23	.....	1,536 15
.....
.....
478 83	.....	1,154 51	44 59	.....	207 96
600 00	355 00	2,531 07	.....	.....	724 35
12,304 24	7,498 20	54,004 59	1,512 08	.....	5,613 65
5,156 50	4,909 00	36,242 63	2,323 12	.....	2,177 12
.....
.....	.....	580 63	60 00	.....	50
.....
1,500 00	.....	.....	.....	.....	.....
1,301 33	.....	1,392 68	.....	.....	230 23
.....
1,320 00	141 23	*347 51	.....	.....	.....
.....
119 27	.....	.....	.....	.....	.....
51,439 57	35,522 20	335,847 94	8,839 65	18,559 37	30,504 76
.....
1,583 31	1,377 59	6,256 84	99 92	.....	986 85
.....	.....	*3,020 80	.....	.....	.....
.....
.....	.....	374 33	.....	.....	117 41
.....
290 00	.....	700 00	.....	.....	23 40
.....
\$285,419 05	\$300,992 14	\$2,366,137 66	\$59,648 20	\$54,406 18	\$187,005 83

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Yardmasters and their clerks.	Yard conductors and brakemen.	Yard, switch and signal tenders.	Yard supplies and expenses.
Abbotsford & N. E.....				
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul ¹	\$52,317 58	\$402,036 97	\$51,778 42	\$3,839 13
Chicago & N. W.....	74,452 00	301,931 84	17,413 55	2,523 37
C., St. P., M. & O. ² ...				
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....	1,320 00	9,984 51	1,098 00	
Chicago, Harv. & G. L.....				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	878 12	7,064 07	1,085 81	247 11
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....	23,364 76	73,733 41	4,496 61	656 10
Green Bay & W.....		3,382 88		11 57
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central.....				
Iola & Northern.....				
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....		1,445 76		3 00
La Crosse & S. E.....				24 88
Lake Superior T. & T.....	2,447 72	29,433 82	4,603 63	308 33
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....		63 81		
M., St. P. & S. S. M.....	1,303 37	2,803 52	111 06	42 86
Northern Pacific.....	2,302 87	6,664 04	1,273 58	150 52
N. W. Coal Ry. Co.....	1,200 00	2,810 47	1,448 11	50 44
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....		1,864 45		130 34
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....				
Wisconsin Central.....	14,716 61	97,917 15	3,850 38	606 23
Wisconsin & Michigan.....				3 42
Wisconsin & Northern.....				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	\$174,363 63	\$942,127 64	\$98,159 17	\$8,680 90

¹ Estimated.

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Operating joint yards and ter- minals Dr.	Operating joint yards and ter- minals -Cr.	Motormen.	Road engineemen.
Abbotsford & N. E.....				\$1,658 96
Ahnapee & Western				2,667 06
Ashland, Odanah & M.....				5,551 53
Bayfield Transfer				2,165 03
Big Falls Ry. Co.....				
Chl., Milw. & St. Paul ¹	\$9,040 01	\$56,028 57		705,367 47
Chicago & N. W.....	61,322 20	22,117 34		800,428 00
C., St. P., M. & O. ²				
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....			\$1,143 62	
Chicago & Lake Sup.....				720 00
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				1,634 95
Duluth, S. S. & Atl.....	4,780 58	1,111 34		25,800 15
Dunbar & Wausaukee				1,064 20
Fairchild & N. E.....				2,407 49
Great Northern	42,506 44	1,071 95		31,643 30
Green Bay & Western ..	2,475 08			27,809 67
Hawthorne, Nebag. & S.....				349 83
Hazellhurst & S. E.....				2,242 05
Hillsboro & N. E.....				723 50
Illinois Central		21 92		13,348 15
Iola & Northern				1,089 21
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....				5,332 20
La Crosse & S. E.....				3,521 11
Lake Superior T. & T.....	771 13	310 64		
Laona & Northern				
Marathon Co. Ry. Co.....				
Marquette, T. & W.....				4,173 20
Mineral Point & N.....	3,886 06			3,886 85
M., St. P. & S. S. M.....	7,061 99			83,861 24
Northern Pacific	39,246 36	13 75		32,224 25
N. W. Coal Ry. Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				3,022 18
Stanley, Merrill & P.....	572 15			3,521 80
Superior & S. E.....				3,202 38
Tomahawk & Eastern				396 34
Whitcomb & Morris				1,350 00
Winona Bridge Ry. Co.....				
Wisconsin Central	80,818 62	18,925 68		324,900 46
Wisconsin & Michigan ..	2,079 85			9,720 14
Wisconsin & Northern ..				4,118 15
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				619 50
Wisconsin Northwestern ..				
Mattoon Ry. Co.....				3,765 07
Total	\$25,209 94	\$90,601 19	\$1,143 62	\$2,113,705 42

¹ Estimated.

WISCONSIN, 1908—Continued.

Expenses—Continued.

Enginehouse expenses road.	Fuel for road locomotives.	Water for road locomotives.	Lubricants for road locomotives.	Other sup- plies for road locomotives.	Operating power plants.
\$555 08	\$2,841 08	\$35 35	\$35 83	\$12 77	
513 54	4,800 00	68 40	78 04	46 81	
955 04	5,284 26	1,027 79	267 37	57 72	
504 36	2,259 33	46 14	27 08	6 91	
190,701 72	1,331,229 03	47,972 35	21,061 44	22,447 55	
244,834 96	1,385,033 92	76,946 35	24,567 23	24,079 46	
					\$3,788 30
480 00	1,456 41	57 40	94 03		
	3,555 63				
	1,798 74		104 74	37 11	
6,357 67	40,258 19	1,843 58	539 81	817 76	
	3,068 85				
	4,451 53	64 56			
7,245 50	75,221 43	3,775 42	1,000 93	1,977 74	
6,091 92	54,785 35	1,303 11	790 14	515 06	
182 90	1,019 53				
	4,092 58		124 13	44 42	
	1,405 50	108 00		60 35	
4,124 80	15,800 98	1,300 44	470 94	250 39	
552 30	1,209 00	60 00	33 53	23 41	
1,060 00	8,165 00	125 00	111 26	86 22	
1,145 29	12,272 71	273 45	194 52	9 81	
	3,018 20		131 25		
1,123 30	10,400 31	80 17	121 99	26 09	
1,737 90	8,928 99	158 84	305 95	263 30	
14,171 35	170,533 61	8,441 17	4,822 68	3,397 29	
10,116 67	60,540 12	2,577 62	1,312 89	1,391 21	
	1,506 00				
720 00	7,934 74				
1,667 63	9,785 01	421 41	156 02	92 41	
	6,534 42				
	528 27			469 07	
225 00				30 00	
52,308 90	510,149 44	22,214 97	8,895 71	8,655 00	
2,579 42	25,559 56	1,034 18	402 68	185 08	
	6,378 82		1,194 38		
261 64	1,010 94		76 90	9 58	
	7,754 94				
	3,477 53	307 50	98 46	17 38	
\$550,436 07	\$3,904,061 35	\$170,340 20	\$66,969 88	\$55,912 90	\$3,788 30

* Proportional.

OPERATING EXPENSES,
Transportation Ex

Name of Company.	Road trainmen.	Train supplies and expenses.
Abbotsford & Northeastern	\$1,360 87	\$51 79
Ahnapee & Western	2,276 06	1,063 22
Ashland, Odanah & Marengo	4,154 67	466 40
Bayfield Transfer	1,373 99	51 94
Big Falls Ry. Co.....		
Chicago, Milwaukee & St. Paul ¹	798,408 21	162,095 04
Chicago & Northwestern	906,701 65	225,839 50
Chicago, St. Paul, Minneapolis & Omaha ²		
Chicago, Burlington & Quincy		
Chicago, Lake Shore & Eastern		42 02
Chicago, Harvard & Geneva Lake	1,405 27	70 88
Chicago & Lake Superior	480 00	
Chippewa River & Northern		
Chippewa Valley & Northern		
Drummond & Southwestern	780 61	6 52
Duluth, South Shore & Atlantic.....	30,327 52	5,150 71
Dunbar & Wausaukee	2,379 75	710 43
Fairchild & Northeastern	626 00	
Great Northern	25,279 36	11,569 76
Green Bay & Western.....	24,347 78	4,432 04
Hawthorne, Nebagamon & Superior.....	286 90	
Hazelhurst & Southeastern.....	2,751 95	192 53
Hillsboro & Northeastern.....	1,152 87	
Illinois Central	14,135 07	4,432 06
Iola & Northern.....	900 00	117 83
J. R. Davis Lumber Co., Logging Ry.....		
Kewaunee, Green Bay & Western.....	4,097 06	1,290 63
La Crosse & Southeastern.....	2,234 52	742 80
Lake Superior Terminal & Transfer.....		
Laona & Northern.....	3,609 95	
Marathon County Ry. Co.....		
Marinette, Tomahawk & Western.....	2,376 02	427 95
Mineral Point & Northern	3,443 22	65 31
Minneapolis, St. Paul & Sault Ste. Marie.....	94,156 53	21,404 95
Northern Pacific	27,035 78	9,681 16
Northwestern Coal Ry. Co.....		
Oshkosh Transportation Co.....		
Roddis Lumber & Veneer Co., Logging Ry.....	1,632 91	
Robbins Ry. Co.....		
Stanley, Merrill & Phillips.....	3,676 77	1,021 49
Superior & Southeastern.....	2,003 00	
Tomahawk & Eastern.....	220 26	94 18
Whitcomb & Morris.....		
Winona Bridge Ry. Co.....		
Wisconsin Central	344,000 67	62,940 35
Wisconsin & Michigan.....	11,263 81	1,540 07
Wisconsin & Northern.....	4,123 87	1 55
Wisconsin, Ruby & Southern.....		
Waupaca-Green Bay	376 69	1 25
Wisconsin Northwestern	4,074 28	
Mattoon Ry. Co.....	5,218 07	11 45
Total	\$2,329,262 77	\$516,532 80

¹ Estimated.

WISCONSIN, 1908—Continued.
 penses—Continued.

Interlockers and block and other signals— operation.	Crossing flag- men and gatemen.	Drawbridge operation.	Clearing wrecks.	Telegraph and telephone — operation.
		\$762 55		\$91 50
			\$6 00	
\$28,092 20	\$60,035 09	20,382 59	14,261 44	8,743 21
65,437 52	71,292 23	6,088 27	21,425 67	
3 33				6 47
251 70	1,466 10		337 08	27 83
8,208 64	30 38		2,127 47	4,009 74
	1,265 37		308 24	477 26
			14 32	
6 09			391 14	248 72
				30 00
		708 20		79 50
	72 50		238 14	25 95
				25 03
				6 17
1,822 96	330 19	655 00	43 76	355 50
26 64	487 79	3,361 58	1,031 21	1,200 62
			851 70	2,411 04
			40 10	
			20 35	
14,143 73	16,794 73	837 75	13,512 79	7,225 51
811 98		3,494 56	70 68	7 27
\$118,840 94	\$158,675 28	\$38,500 62	\$54,800 09	\$25,977 37

¹ Proportional.

OPERATING EXPENSES,
Transportation

Name of Company.	Stationery and printing.	Other expenses.	Loss and damage—freight.	Loss and damage—baggage.
Abbotsford & N. E.....	\$108 56	.....	\$64 24	.....
Ahnapee & Western.....	185 83	\$19 38	202 45	.....
Ashland, Odanah & M..	36 88	131 15	.....	.....
Bayfield Transfer	76 96	.....	.....	.....
Big Falls Ry. Co.....	.....	3,580 82	.....	.....
Chi., Milw. & St. P. ¹ ...	42,273 63	14,833 07	192,245 68	\$1,128 17
Chicago & Northwestern	44,339 02	25,229 29	182,690 81	2,825 14
Chi., St. P., M. & O. ²...	.....	\$2,379,113 64	.....	.....
Chi., Burlington & Q....	.....	.....	.....	.....
Chi., Lake Shore & E....	135 52	26 23	.....	.....
Chi., Harv. & Geneva L.	120 97	305 66	5 15	.....
Chi., & Lake Superior...	23 46	43 91	10 53	.....
Chippewa R. & Northern	.....	3,170 73	.....	.....
Chippewa V. & Northern	19 00	6,837 18	.....	.....
Drummond & S. W.....	.....	.....	.....	.....
Duluth, S. S. & Atl.....	1,709 42	802 96	1,251 06	17 39
Dunbar & Wausaukee....	87 97	.....	.....	.....
Fairchild & Northeastern	156 86	70 25	172 32	.....
Great Northern	1,373 80	4,023 21	6,272 28	19 05
Green Bay & W.....	2,233 71	255 58	2,203 61	.....
Haw., Nebag. & Sup.....	.....	167 13	.....	.....
Hazelhurst & S. E.....	27 70	.....	.....	.....
Hillsboro & Northeastern	165 70	\$37 88	46 19	.....
Illinois Central	1,143 72	303 74	1,490 44	*81
Iola & Northern.....	51 70	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W....	271 11	.....	475 24	.....
La Crosse & S. E.....	320 20	3,172 41	313 59	3 00
Lake Superior T. & T....	293 45	2,483 77	59 76	5 00
Laona & Northern.....	.....	257 51	.....	.....
Marathon Co. Ry. Co....	.....	6,388 57	.....	.....
Marinette, T. & W.....	183 34	.....	26 77	.....
Mineral Point & N.....	365 37	3 15	60 58	10 00
M., St. P. & S. Ste. M.	3,585 20	1,011 23	16,404 18	210 27
Northern Pacific	1,682 75	514 90	5,094 24	42 21
N. W. Coal Ry. Co.....	.....	.....	.....	.....
Oshkosh Trans. Co.....	.....	.....	.....	.....
R. L. & V. Co., L. Ry.	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & Phil.	438 48	23 15	5 19	.....
Superior & S. E.....	.....	1,148 06	2 18	.....
Tomahawk & Eastern	62 71	.....	413 57	.....
Whitcomb & Morris....	.....	.....	.....	.....
Winona Bridge Ry. Co....	.....	.....	.....	.....
Wisconsin Central	20,098 57	4,626 62	56,888 16	275 14
Wisconsin & Michigan...	1,550 77	2,372 66	296 18	3 69
Wisconsin & Northern...	.....	271 53	.....	.....
Wis., Ruby & Southern...	.....	.....	.....	.....
Waupaca Green Bay	63 78	149 42	.....	.....
Wisconsin Northwestern	.....	.....	.....	.....
Mattoon Ry. Co.....	.....	19 40	23 58	.....
Total	\$123,278 14	\$2,461,849 19	\$466,382 80	\$4,538 25

¹ Estimated.² Proportional.

WISCONSIN, 1908—continued.

Expenses—Concluded.

Damage to property.	Damage to stock on right of way.	Injuries to persons.	Operating joint tracks and facilities—Dr.	Operating joint tracks and facilities—Cr.	Total.
	\$5 16				\$8,122 86
	*19 27	\$4,905 65			17,589 98
\$14 49	5 50	104 50			24,513 20
					7,304 47
					3,589 83
5,630 78	4,268 03	113,886 02	\$1,585 04	\$4,152 85	5,905,384 27
34,402 98	8,231 83	153,664 37	3,575 34	722 51	6,371,738 45
					2,379,113 64
					29,047 34
15 71					7,566 78
			28 20		4,713 94
					8,170 78
					10,411 81
					4,362 67
123 31	162 47	811 83	24 92		186,567 33
					8,691 20
					9,086 71
5,506 16	1,000 37	21,371 09	3,779 06		620,041 02
45 00	80 00	2,616 65	1,253 21		170,069 47
					2,006 38
					10,700 68
					4,853 73
515 53	615 91	1,152 35		3 42	82,061 59
					4,514 49
	57 00	7 50			33,372 12
	112 50	1 50			29,363 07
419 90		7,330 31			102,933 35
					7,106 91
		5 00			6,388 57
	8 78	25 54	39 60		20,846 09
1,008 07	1,550 49	8,577 26			27,086 30
233 05	1,391 36	19,784 32		3,349 95	539,917 10
					306,405 26
76 61					11,405 29
					3,835 98
					13,176 02
	28 00	425 00			36,461 86
					14,210 04
			145 55		2,417 90
					1,605 00
2,004 14	2,836 78	29,891 04	13,075 35	977 02	2,345,573 06
	50 49	52 04		1,124 02	70,614 01
					20,009 12
					3,061 44
					11,829 22
203 51	164 00	400 00			14,709 30
\$50,284 30	\$20,545 00	\$364,807 97	\$24,106 27	\$10,310 37	\$19,505,095 97

* Not itemized.

* Credit.

OPERATING EXPENSES,

General

Name of Company.	Salaries and expenses of general officers.	Salaries and expenses of clerks and attendants.	General office supplies and expenses.
Abbotsford & Northeastern.....	\$1,380 00		\$28 22
Annapee & Western.....	1,115 21	\$517 50	
Ashland, Odanah & Marengo.....	923 27	1,118 14	
Bayfield Transfer.....	2,353 50	450 00	152 37
Big Falls R'y Co.....			
Chicago, Milwaukee & St. Paul ¹ .	45,897 91	94,265 91	12,122 70
Chicago & Northwestern.....	44,899 41	118,020 45	22,227 38
Chicago, St. P., Minn. & Omaha ²			
Chicago, Burlington & Quincy.....			
Chicago, Lake Shore & Eastern..	316 60	250 01	98 90
Chicago, Harvard & Geneva Lake	175 97		13 71
Chicago & Lake Superior.....			
Chippewa River & Northern.....			
Chippewa Valley & Northern.....	250 00		
Drummond & Southwestern.....		200 00	30 95
Duluth, South Shore & Atlantic.	3,651 10	5,018 87	503 81
Dunbar & Wausaukee.....			
Fairchild & Northeastern.....			9 00
Great Northern.....	2,317 30	5,552 02	335 75
Green Bay & Western.....	12,830 24	6,846 93	719 25
Hawthorne, Nebag. & Superior..			
Hazelhurst & Southeastern.....			
Hillsboro & Northeastern.....			
Illinois Central.....	311 05	1,621 20	113 75
Iola & Northern.....	15 23		
J. R. Davis L. Co., Logging R'y..			
Kewaunee, Green Bay & Western	3,813 01	1,500 00	103 00
La Crosse & Southeastern.....	1,017 07	1,114 28	243 03
Lake Sup. Terminal & Transfer.	600 00	3,052 91	79 40
Laona & Northern.....	1,200 00	800 00	233 27
Marathon County R'y Co.....			
Marquette, Tomahawk & Western	800 00	817 95	53 23
Mineral Point & Northern.....	4,030 04	1,455 00	628 51
Mpls., St. P. & S. Ste. Marie.	9,328 81	12,083 51	1,811 03
Northern Pacific.....	2,172 94	5,814 87	403 20
Northwestern Coal R'y Co.....	1,500 00		
Oshkosh Transportation Co.....	977 96		110 00
Roddie L. & V. Co., Logging R'y			
Robbins R'y Co.....			
Stanley, Merrill & Phillips.....	1,323 55	1,200 00	177 30
Superior & Southeastern.....			
Tomahawk & Eastern.....			
Whitcomb & Morris.....	200 00		
Winona Bridge R'y Co.....		157 28	
Wisconsin Central.....	55,521 31	50,438 50	40,532 01
Wisconsin & Michigan.....	2,183 95	2,005 31	8 31
Wisconsin & Northern.....	3,797 97		
Wisconsin, Ituby & Southern.....			
Waupaca-Green Bay.....			
Wisconsin Northwestern.....			
Mattoon R'y. Co.....	1,200 00	1,800 00	106 51
Total.....	\$206,239 63	\$116,130 80	\$81,933 85

¹ Estimated.² Proportional.

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Continued.

Expenses.

Law expenses.	Insurance.	Pensions.	Stationery and printing.	Other expenses.
			\$18 72	
\$170 00	\$205 00		69 10	\$110 75
20 00	193 27		36 76	99 60
			122 23	
				22 12
44,340 55			13,258 60	6,377 41
43,157 49	5,655 27	\$30,072 02	11,376 37	10,403 07
				\$135,578 02
247 45	134 24	33 43	16 93	
	406 49		13 27	
				2,807 34
1,204 47	8 27	63 21	632 05	422 32
				446 72
4,378 38	1 51	11 70	675 34	500 47
1,806 91			501 65	654 03
	99 45		94 73	
876 75	8 35	67 32	151 65	181 75
			38 70	67 50
81 65			131 85	115 90
18 16	216 01		216 44	
2,870 20			243 33	70 00
	102 72			
55 73	698 63			858 21
219 15	287 49		29 40	3 00
4,831 21	4,654 34		393 33	
3,899 81	1,970 08		1,281 42	914 13
			613 35	1,180 03
163 05	567 56		8 00	2 23
			2 00	
340 05	2,063 74		148 31	
300 00	160 63		16 00	954 41
				312 81
27,811 40	16,528 00		8,846 33	1 47
682 45	150 00		657 26	7,637 71
				26 62
				412 03
				2,516 28
			124 63	
\$137,065 85	\$34,265 21	\$30,247 68	\$39,703 77	\$172,742 01

* Not itemized.

OPERATING EXPENSES.

Name of Company.	General expenses—concluded.			Recapit-
	General ad- ministration, joint tracks, yards and termi- nals—Dr.	General ad- ministration, joint tracks, yards and termi- nals Cr.	Total.	Maintenance of way and structures.
Abbotsford & N. E.			\$1,426 94	\$18,827 74
Ahnapee & Western.			2,297 58	17,445 95
Ashland, Odanah & M.			2,421 06	19,342 23
Bayfield Transfer			3,078 10	6,272 58
Big Falls Ry. Co.			22 12	2,573 85
Chi., Milw. & St. P. ¹		\$29,07	216,223 53	1,629,714 78
Chicago & Northwestern	\$758 16		286,544 04	2,063,574 25
Chi., St. P., M. & O. ²			135,578 09	792,228 91
Chicago, Burlington & Q.				
Chi., Lake Shore & E.			1,127 65	11,351 13
Chi., Harv. & Geneva L.			669 46	2,788 74
Chi. & Lake Superior.				1,075 75
Chippewa R. & Northern			2,807 34	2,774 97
Chippewa V. & Northern			250 00	
Drummond & S. W.			280 95	6,893 23
Dul., S. S. & Atlantic.	78 46		11,710 61	92,171 06
Dunbar & Wausaukee.				9,419 64
Fairchild & N. E.			455 72	6,475 99
Great Northern	2,673 00		16,335 51	219,239 71
Green Bay & Western.	76 09		23,495 18	111,597 69
Haw., Nebag. & Sup.				115 57
Hazelhurst & S. E.			194 13	1,832 36
Hillsboro & N. E.				2,370 75
Illinois Central			3,465 82	53,211 01
Iola & Northern.			114 43	1,855 07
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.			5,870 45	24,160 38
La Crosse & S. E.			2,885 04	9,612 59
Lake Superior T. & T.			6,964 92	22,320 39
Laona & Northern.			2,425 99	1,904 44
Marathon Co. Ry. Co.			858 21	4,150 80
Marquette, T. & W.			2,427 96	8,522 76
Mineral Point & N.			7,019 55	11,253 31
M., St. P. & S. Ste. M.	111 27		35,112 75	260,413 92
Northern Pacific	2,856 87		18,934 15	192,386 95
N. W. Coal Ry. Co.			2,243 84	5,305 13
Oshkosh Trans. Co.			1,109 96	2,743 77
R. L. & V. Co., L. Ry.				679 98
Robbins Ry. Co.				11,769 06
Stanley, Merrill & Phil.			5,252 95	24,835 08
Superior & Southeastern			1,431 04	7,461 51
Toimahawk & Eastern.			312 83	2,793 41
Whitcomb & Morris.			200 00	1,941 00
Winona Bridge Ry. Co.		158 75		
Wisconsin Central			207,432 43	698,342 39
Wisconsin & Michigan.			6,458 93	21,913 94
Wisconsin & Northern.			4,300 03	3,178 48
Wis., Ruby & Southern.				
Waupaca-Green Bay.				796 63
Wisconsin Northwestern			2,516 28	2,931 80
Mattoon Ry. Co.			3,231 16	6,201 68
Total	\$6,553 85	\$188 42	\$1,025,495 31	\$6,397,632 42

¹ Estimated.

WISCONSIN, 1908—Concluded.

ulation of expenses.

Maintenance of equipment.	Traffic expenses.	Transportation expenses.	General expenses.	Grand total.	Percentage of operating expenses to revenue.
\$1,028 30		\$8,122 86	\$1,426 94	\$29,405 84	98.94
5,877 69	\$331 09	17,587 98	2,297 58	43,542 29	54.99
10,383 72		24,512 20	2,421 06	56,600 21	124.00
1,554 04	11 39	7,304 47	3,078 10	18,220 58	93.90
1,101 90		3,589 82	22 12	7,087 69	77.41
1,896,104 02	345,814 79	5,007,384 27	216,223 53	9,903,241 31	59.40
1,768,927 83	279,485 40	6,371,738 45	286,544 64	10,770,270 57	65.87
748,329 88	115,193 01	2,379,113 64	135,578 02	4,170,443 66	61.33
10,689 46	204 46	29,017 34	1,127 65	52,370 04	70.44
1,776 56	139 51	7,566 78	600 46	12,941 09	81.82
488 50		4,713 94		6,278 19	109.06
505 07		3,170 73	2,807 34	9,348 11	89.90
3,191 04		10,411 81	250 00	13,452 85	81.82
4,222 12		4,362 67	230 95	15,708 97	115.25
57,767 75	14,000 36	186,567 32	11,710 61	372,217 70	105.15
717 38		8,691 20		18,828 22	62.73
1,061 88	8 25	9,984 71	455 72	17,968 05	96.70
215,775 86	10,919 12	620,081 02	16,335 51	1,062,371 22	85.03
102,288 35	4,335 03	176,069 47	23,495 18	417,755 72	19.47
726 44		2,006 38		2,848 39	30.15
1,029 07		10,700 68	194 18	13,306 29	73.18
634 45		4,853 73		7,858 03	57.40
26,975 37	3,667 73	82,661 59	3,465 82	109,981 52	124.26
1,425 79	5 00	4,514 49	114 43	7,414 78	109.85
18,945 30	662 28	33,372 12	5,570 43	83,010 51	65.4
3,086 62	1,684 93	29,363 07	2,885 04	46,632 16	68.34
19,537 63		102,933 35	6,964 92	151,756 29	401.80
2,294 45		7,106 91	2,425 99	13,731 79	74.14
		6,388 57	858 21	11,406 58	87.00
9,397 07	716 53	20,846 69	2,427 98	41,911 03	87.26
12,301 90	677 15	27,086 30	7,019 55	56,338 21	79.85
239,070 26	34,863 05	539,917 10	35,112 75	1,109,377 03	66.10
117,884 07	12,143 01	306,405 26	18,934 15	617,853 44	111.75
3,089 50		11,405 20	2,243 84	22,043 76	91.70
827 01		3,835 98	1,109 96	3,853 73	
2,731 00		13,176 92		5,342 97	100.00
31,271 00	1,375 19	36,461 86	5,252 95	27,677 68	92.64
				92,196 68	80.64
4,383 78		14,210 04	1,431 04	27,496 37	73.50
465 28	193 31	2,417 90	312 83	6,182 73	43.64
22 85		1,605 00	200 00	3,768 85	128.00
898,073 98	214,595 93	2,345,578 06	207,432 43	4,358,992 79	72.49
31,486 19	4,648 18	70,614 01	6,458 93	135,121 25	80.91
615 90	101 46	20,009 12	4,300 03	28,264 99	81.31
363 06	168 04	3,061 44		4,384 17	83.59
6,845 61		11,829 22	2,516 28	24,182 91	13.37
2,896 32		14,709 30	3,281 10	27,038 40	76.21
\$6,263,291 44	\$1,045,929 24	\$19,505,095 97	\$1,025,495 31	\$34,237,446 38	66.06

* Proportional.

**OPERATING EXPENSES,
Of Roads Operating in Wisconsin as Reported to the
Maintenance of Way**

Name of Company.	Superin- tendence.	Ballast.	Ties.	Rails.
Abbotsford & N. E.			\$2,280 43	\$5,696 91
Abnapee & Western	\$17 85	\$1,583 07	1,595 42	1,033 91
Ashland, Odanah & M.				527 85
Bayfield Transfer			2,879 42	
Big Falls Ry. Co.				
C., M. & St. P.	227,451 10	36,846 18	947,801 50	336,238 69
Chicago & Northwestern	355,959 73	104,033 70	1,121,215 31	583,879 08
C., St. P., M. & O.	69,737 76	31,958 53	184,788 13	8,779 44
Chi., Purl. & Quincy	628,859 71	333,185 03	2,395,327 43	1,298,041 67
Chi., L. S. & Eastern	18,215 00	101 70	2,651 48	18,048 21
Chi., Harv. & G. Lake	362 00	436 17	1,579 81	
Chicago & Lake Superior		73 20	133 00	
Chgo. River & Northern				
Chgo. Val. & Northern				
Drummond & S. West			455 61	
Duluth, S. S. & Atl.	16,499 98	9,309 83	71,218 75	29,115 61
Dunbar & Wausaukee				1,015 09
Fairchild & N. Eastern	300 09			
Great Northern	551,689 28	112,333 69	1,181,907 32	441,539 85
Green Bay & Western	789 00	115 00	30,500 00	12,009 03
Hawthorne, Neb. & Sun				
Hazelhurst & S. Eastern			518 73	
Hillsboro & N. Eastern				
Illinois Central	346,747 00	143,891 10	639,789 53	288,515 18
Iola & Northern			1,030 11	
J. R. D. L. Co. L. Ry.				
Kewaunee, G. B. & W.	317 85		5,500 00	6,009 61
La Crosse & S. E.	42 50		532 70	85
Lake Sup. T. & T. Co.	885 29	471 31	2,481 03	3,792 35
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, Tom. & W.	474 43		842 13	732 20
Mineral Pt. & Northern	726 78	815 18		
M., St. P. & S. Ste. M.	35,217 07		173,473 05	8,155 47
Northern Pacific	371,212 67	28,501 91	1,389,433 53	271,035 78
Northwest Coal Ry. Co.	209 09		1,794 18	
Oshkosh Trans. Co.	789 00		491 16	
R. L. & V. Co. L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.	1,240 65	2,736 05	4,831 76	112 00
Superior & S. E.	1,200 00		4,609 00	
Tomahawk & Eastern	140 57			
Whitcomb & Morris			320 00	
Winona Bridge Ry. Co.	492 50			
Wisconsin Central	35,149 55	247 90	103,570 65	29,191 01
Wisconsin & Michigan	1,992 75	51 13	1,148 01	
Wisconsin & Northern				
Wis. Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattson Ry. Co.			1,358 03	
Total	\$2,656,729 15	\$800,741 58	\$8,301,216 30	\$4,141,695 05

¹ Credit.

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.
and Structures.

Other track material.	Roadway and track.	Removal of snow, sand and ice.	Tunnels.	Bridges, trestles and culverts.	Over and under grade crossings.
\$1,147 73	\$5,009 38			\$3,441 44	
684 91	6,350 32	\$300 00		3,379 50	
	9,581 17				
		3,175 20			
450,341 20	2,300,204 01	55,483 65		638,835 72	\$14,911 18
436,982 00	3,495,446 23	183,241 93	\$2,816 58	732,577 00	23,157 73
111,086 38	627,967 48	13,312 85	1,057 87	187,783 36	5,346 94
1,167,313 48	5,832,517 88	61,543 30	351 92	1,058,349 55	33,901 34
33,194 85	83,363 74	13,730 98		12,009 08	185 63
150 27		267 74		207 94	
	823 45			40 10	
	6,423 40			4 19	
45,607 67	280,701 18	28,393 73		18,108 76	3 08
		5,025 00			
	4,606 32			1,230 00	
621,073 58	4,747,513 45	118,066 87	19,127 21	614,785 23	23,150 00
713 71	47,732 73	1,583 92		4,929 65	
	115 57				
11 19	737 50	51 30			
	2,154 53				
380,911 25	2,490,621 06	61,877 51	2,399 95	713,533 60	20,234 30
11 20	391 70				
852 78	8,963 59	300 00		1,271 64	
33 10	8,819 21	6 25		12 44	
3,264 14	7,604 55	438 43		2 25	
		1,901 41			
423 14	5,077 03			610 21	
103 50	5,007 10	77 63		349 59	
22,016 55	614,395 45	29,937 85		174,495 00	
449,330 40	4,180,564 41	77,622 49	20,123 51	738,793 98	6,211 62
77 32	2,714 34				
22 44	1,100 21	89 55			
08 43	13,472 54			737 46	
	2,613 71				
1,581 00					
				1,823 05	
54,319 06	287,493 51	13,832 07		73,010 19	1,753 98
254 71	17,150 28	321 64		341 63	
12 30	3,141 07				
	795 63				
454 65	4,319 98				
\$3,784,881 92	\$24,640,632 81	\$780,775 43	\$45,899 09	\$5,025,755 68	\$135,004 91

OPERATING EXPENSES,
Maintenance of Way

Name of Company.	Grade cross- ings, fences, cattle guards and signs.	Snow and sand, fences and snow- sheds.	Signal and interlocking plants.	Telegraph and telephone lines.
Abbotsford & N. E.....	\$108 17	\$1 65	.....	\$7 42
Ahnapee & Western.....	533 39	.....	.....	.....
Ashland, Odanah & M.....	.....	.....	.....	.....
Bayfield Transfer .....	.....	.....	\$77 48	.....
Big Falls Ry. Co.....	.....	.....	.....	.....
Chl., Milw. & St. P.....	151,301 05	19,281 02	84,032 92	52,052 75
Chicago & Northwestern	153,114 05	7,423 52	143,392 60	39,243 57
Chl., St. P., M. & O....	31,926 11	1,709 16	8,347 29	17,393 16
Chl., Burlington & Q....	269,411 00	9,297 96	111,346 07	132,127 37
Chl., Lake Shore & E..	828 85	44 68	1,165 15	5,128 45
Chl., Harv. & Geneva L.	41 52	.....	.....	5 25
Chi., & Lake Superior..	.....	.....	.....	.....
Chippewa R. & Northern	.....	.....	.....	.....
Chippewa V. & Northern	.....	.....	.....	.....
Drummond & S. W.....	.....	.....	.....	.....
Dul., S. S. & Atlantic..	5,130 98	250 70	449 57	2,905 02
Dunbar & Wausaukee..	.....	.....	.....	.....
Fairchild & N. E.....	.....	.....	.....	.....
Great Northern	78,271 50	18,219 02	37,757 22	58,998 41
Green Bay & Western....	511 46	.....	.....	717 03
Haw., Nebag. & Sup....	.....	.....	.....	.....
Hazelhurst & S. E.....	.....	.....	.....	.....
Hillsboro & N. E.....	.....	.....	.....	.....
Illinois Central	141,214 78	1,289 28	880,746 40	80,072 33
Iola & Northern	3 50	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W..	1,058 63	.....	.....	120 00
La Crosse & S. E.....	19 33	.....	.....	15 20
Lake Superior T. & T....	253 33	.....	20 85	.....
Laona & Northern .....	.....	.....	.....	.....
Marathon Co. Ry. Co....	.....	.....	.....	.....
Marinette, T. & W.....	122 56	.....	.....	11 25
Mineral Point & N.....	131 77	20 33	.....	30 20
M., St. P. & S. Ste. M.	16,121 90	2,611 91	3,204 92	21,439 16
Northern Pacific	117,582 55	23,953 96	23,074 24	78,132 21
N. W. Coal Ry. Co.....	.....	.....	137 32	.....
Oshkosh Trans. Co.....	253 96	.....	.....	.....
R. L. & V. Co., L. Ry..	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & Phil..	123 83	.....	3 54	611 50
Superior & Southeastern	.....	.....	.....	.....
Tomahawk & Eastern....	.....	.....	.....	.....
Whitcomb & Morris....	.....	.....	.....	.....
Winona Bridge Ry. Co.	.....	.....	.....	.....
Wisconsin Central	18,212 65	445 49	3,517 79	5,922 84
Wisconsin & Michigan..	72 39	.....	67 77	132 06
Wisconsin & Northern..	.....	.....	.....	.....
Wis., Ruby & Southern	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	.....
Wisconsin Northwestern	.....	.....	.....	.....
Mattoon Ry. Co.....	.....	.....	.....	21 65
Total	\$986,202 28	\$84,557 68	\$811,801 13	\$495,571 52

¹ Credit.

WHOLE LINE, 1908—continued.
and Structure—Continued.

Electric power transmission	Buildings, fixtures and grounds.	Decks and wharves.	Roadway tools and supplies.	Injuries to persons.	Stationery and printing.
.....	\$127 21	.....	\$63 37	.....	.....
.....	1,805 82	\$576 04	74 82	.....	\$1 25
.....	279 90	.....	.....	.....	.....
.....	150 39	.....	.....	.....	.....
.....
.....	526,488 01	55,976 23	121,729 16	\$31,759 39	9 007 03
.....	577,667 36	45,253 90	48,412 22	55,567 26	10,878 82
.....	126,942 56	16,679 32	7,642 26	5,791 03	1,810 76
.....	1,008,419 29	35,768 95	114,291 95	48,577 36	18,151 80
.....	11,530 56	.....	3,254 36	15,768 33	1,228 13
.....
\$648 08	265 81	5 80	36 78	.....	.....
.....
.....
.....	24,164 83	15,098 70	5,943 97	2,111 32	563 38
.....	.....	.....	2,856 60	.....	.....
.....	292 62	.....	.....	.....	.....
.....	708,769 67	18,846 50	107,531 59	85,247 00	15,978 91
.....	7,180 22	24 25	1,150 63	139 45	11 27
.....
.....	61 04	.....	2 60	.....	.....
.....	216 17	.....	.....	.....	.....
.....	749,233 95	16,669 05	62,905 80	32,159 40	16,256 56
.....	177 73	.....	6 24	.....	5 00
.....
.....	1,207 35	135 95	176 52	11 50	11 25
.....	90 10	.....	37 15	.....	.....
.....	2,475 19	.....	195 78	.....	31 83
.....
.....
.....	126 01	.....	192 80	.....	.....
.....	756 38	.....	131 11	.....	14 17
.....	116,559 65	20,292 25	18,490 55	2,770 61	872 77
.....	813,038 87	100,035 01	71,918 15	40,804 03	8,500 13
.....
.....	245 83	.....	31 67	3 88	.....
.....
.....	726 90	.....	246 20	.....	36 07
.....
.....	15 10	.....	.....	.....	.....
.....	60,844 70	25,909 10	7,167 00	47,160 88	1,068 31
.....
.....	2,098 81	440 10	501 58	55	15 59
.....	25 11	.....	.....	.....	.....
.....
.....	.....	.....	14 37	.....	.....
\$648 08	\$4,750,448 38	\$341,756 15	\$574,622 76	\$395,414 07	\$34,848 18

OPERATING EXPENSES.

Name of Company.	Maintenance of way and structures—concluded.			
	Other expenses.	Maintaining joint tracks, yards and terminal facilities—Dr.	Maintaining joint tracks, yards and terminal facilities—Cr.	Total.
Abbotsford & N. E.....				\$18,827 74
Ahnapee & Western.....	\$73 62			17,445 95
Ashland, Odanah & M..	8,953 31			17,342 23
Bayfield Transfer				6,272 58
Big Falls R'y Co.....	2,373 85			2,373 85
C., M. & St. P.....	191,917 23	\$211,107 08	\$71,102 72	6,642,880 84
Chicago & Northwestern	1,281 03	90,429 19	46,652 26	7,978,438 62
C., St. P., M. & O.....	37,782 49	105,987 17	41,030 22	1,622,751 83
Chi., Burl. & Quincy...	1488,939 13	278,835 72	357,807 19	14,377,028 69
Chi., L. S. & Eastern...	532 85	136,938 14	514 52	387,483 68
Chi., Harv. & Geneva L.	310 00	1,140 28		5,577 50
Chi. & Lake Superior...				1,075 75
Chp. River & Northern.	2,774 97			2,774 97
Chp. Val. & Northern...				
Drummond & S. West..				6,813 23
Duluth, S. S. & Atl.....	8,214 05	14,354 02	10,783 08	561,404 05
Dunbar & Wausaukee ..	442 04			9,419 61
Fairchild & N. E.....	17 05			6,475 99
Great Northern	70,979 05	97,487 27	134,030 42	9,691,617 98
Green Bay & Western ..	301 15	3,031 00	17 83	111,597 09
Hawthorne, Nebag. & S.				115 57
Hazelhurst & S. E.....				1,332 33
Hillsboro & N. E.....				2,870 75
Illinois Central	205,407 02	800,171 41	251,394 09	6,758,172 57
Iola & Northern	\$270 41			1,355 07
J. R. D. L. Co., L. R'y				
Kewaunee, G. B. & W.	60 89		1,827 57	21,160 38
La Crosse & S. E.....	14 17			9,612 50
Lake Superior T. & T..	624 75	285 00	127 12	22,330 37
Laona & Northern				1,901 44
Marathon Co. R'y Co...	4,159 89			4,159 89
Marquette, T. & W.....				8,522 76
Mineral Point & N.....	113 75	2,915 83		11,253 31
M., St P. & S. S. M....	3,153 93	33,657 53	69 62	1,275,733 03
Northern Pacific	2,206 73	82,791 90	155,787 75	8,791,610 51
N. W. Coal R'y Co.....		103 14		5,305 13
Oshkosh Transp. Co....	90			2,743 77
R. L. & V. Co., L. R'y.	679 98			679 98
Robbins R'y Co.....	\$11,739 66			11,763 66
Stanley, Merrill & P....	10 00	1 94		21,815 03
Superior & S. E.....	1,691 51			7,431 51
Tomahawk & Eastern...	24 03			2,793 41
Whitcomb & Morris ..				1,941 00
Winona Bridge R'y Co..	37 50		2,353 05	
Wisconsin Central	281,91	46,031 87	4,800 09	821,936 38
Wisconsin & Michigan..	3,023 48	1,720 89		27,721 84
Wisconsin & Northern.				3,178 48
Wisconsin, Ruby & S....				
Waupaca-Green Bay ..				796 63
Wisconsin N. W.	2,931 80			2,981 80
Mattoon Ry. Co.....				6,201 68
Total	\$1,051,003 87	\$1,895,123 21	\$1,078,355 16	\$50,234,563 12

¹ Includes work equipment, repairs, renewals and depreciation.

² Not itemized.

WHOLE LINE, 1908, Continued.

Maintenance and equipment.				
Superintendence.	Steam locomotives—repairs.	Steam locomotives—renewals.	Steam locomotives—depreciation.	Electric locomotives—repairs.
.....	\$147 23	.....	\$120 00	.....
.....	1,911 92	.....	500 00	.....
.....	4,880 26	.....	1,200 00	.....
\$176 20		\$163 32		
.....				
180,270 13	2,246,478 97	.....	180,678 51	.....
196,970 65	2,535,568 35	.....	331,719 15	.....
45,640 94	530,819 85	\$2,000 00	97,895 53	.....
378,326 08	3,299,804 81	88,161 83	1,171,012 75	.....
16,836 57	131,001 35	3,500 19	89,333 26	.....
472 00				\$435 90
.....	443 39	.....	.....	.....
.....	3,151 87	.....	.....	.....
10,616 24	83,283 57	6 32	16,133 69	.....
.....	851 51	.....	.....	.....
176,680 75	2,227,670 21	.....	813,928 05	.....
1,969 00	21,747 05	.....	7,836 67	.....
.....	494 13	.....	.....	.....
.....	536 30	.....	.....	.....
.....	627 75	.....	.....	.....
176,939 77	3,047,828 87	63,250 00	.....	.....
.....	1,072 27	.....	146 67	.....
.....
600 00	3,186 94	.....	933 33	.....
.....	1,787 42	.....	.....	.....
856 15	9,977 68	.....	5,020 72	.....
.....	729 52	.....	.....	.....
.....
474 45	2,850 43	.....	240 00	.....
1,086 71	6,700 26	.....	1,400 04	.....
31,784 88	559,930 51	.....	35,577 78	.....
178,270 91	2,336,466 46	.....	852,784 76	.....
.....	2,072 98	.....	1,016 66	.....
.....
708 50	8,067 95	.....	2,735 46	.....
.....
700 00	.....	.....	.....	.....
140 55	306 71	.....	.....	.....
.....	22 85	.....	.....	.....
20,241 57	312,013 05	.....	38,120 57	.....
.....	2,250 75	9,592 19	2,583 10	.....
.....	262 34	.....	.....	.....
.....
.....	3,030 17	.....	.....	.....
150 00	1,049 06	.....	.....	.....
\$1,369,791 08	\$17,449,127 60	\$168,682 85	\$3,620,451 80	\$435 90

* Credit.

OPERATING EXPENSES,

Maintenance of

Name of Company.	Electric locomotives—depreciation.	Passenger train cars—repairs.	Passenger train cars—renewals.	Passenger train cars—depreciation.
Abbotsford & N. E.....		\$15 70		\$30 00
Alnapee & Western		1,149 81		463 07
Ashland, Odanah & M.....				
Bayfield Transfer		110 45		30 30
Big Falls R'y Co.....				
Chl., Milw. & St. P.....		548,031 87	\$14,177 34	105,187 25
Chicago & N. W.....		560,205 93		98,474 10
C., St. P., M. & O.....		124,752 29		22,812 68
Chicago, Bur. & Q.....		613,679 81	47,751 08	503,035 08
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....	\$309 49	673 33		251 16
Chicago & Lake S.....		45 11		
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....		39,585 12		9,418 37
Dunbar & Wausaukee ..				
Fairchild & N. E.....				
Great Northern.....		483,467 21	11,461 05	231,238 02
Green Bay & Western..		9,055 13		4,573 34
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....		47 95		
Hillsboro & N. E.....			8 70	
Illinois Central		667,445 95	17,881 63	
Iola & Northern		117 52		53 33
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....		2,511 95		906 07
La Crosse & S. E.....		738 94		
Lake Superior T. & T.....				
Laona & Northern				
Marathon Co. R'y Co....				
Marinette, T. & W.....		160 72		90 60
Mineral Point & N.....		255 00		750 00
M., St. P. & S. S. M.....		174,576 80		18,074 46
Northern Pacific		490,576 99	14,663 75	312,075 25
N. W. Coal R'y Co.....				
Oshkosh Transp. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....		458 28		134 64
Superior & S. E.....				
Tomahawk & Eastern...				
Whitcomb & Morris.....				
Winona Bridge R'y Co....				
Wisconsin Central		89,272 53	9,039 06	8,604 40
Wisconsin & Michigan...		2,978 84		1,201 26
Wisconsin & Northern...				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Wisconsin N. W.....				
Mattoon R'y Co.....		50 73		
Total	\$600 49	\$3,813,023 16	\$97,724 20	\$1,330,631 49

¹ Credit.

WHOLE LINE, 1908,—Continued.

Equipment—continued.

Freight train cars—repairs.	Freight train cars— renewals.	Freight train cars— depreciation.	Electric equip- ment of cars— repairs.	Electric equip- ment of cars— depreciation.
\$251 45		\$55 92		
981 53		520 00		
3,100 35		1,140 00		
441 12		625 68		
2,881,054 82	\$81,173 74	434,141 76		
2,034,589 09	4,167 13	741,805 75		
406,025 44	41,174 46	175,229 23		
3,083,171 36	503,323 64	2,073,190 34		
538,645 40	25,775 40	281,013 26		
5 26		20 52	\$182 06	\$30 00
1,070 25				
133,171 40	2,647 04	45,771 99		
130 29				
1,682,122 55	182,402 15	1,663,002 50		
20,361 47		26,489 99		
232 31				
414 82				
4,419,870 67	534,791 65			
5,953 20		6,766 67		
437 34				
2,274 97				
1,564 93				
2,585 64		296 44		
789 58		900 00		
447,857 46	9,039 83	83,085 72		
2,319,235 81	61,528 77	1,554,988 73		
7,813 93		4,277 58		
16 02				
362,113 53	4,462 83	95,806 70		
12,871 13	443 08	13,263 96		
353 56				
3,776 44				
1,102 30				
\$18,332,986 02	\$1,486,932 82	\$7,208,466 74	\$182 06	\$30 00

OPERATING EXPENSES,
Maintenance of

Name of Company.	Equipment borrowed—Dr	Equipment loaned—Cr.	Floating equipment, repairs and depreciation.	Work equipment— repairs.
Abbotsford & N. E.....				
Ahnapee & Western				
Ashland, Odanah & M.				\$2 91
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul.....	\$808,809 98	\$807,936 54		
Chicago & N. W.				47,839 44
C., St. P., M. & O.	236,968 77	249,766 86		
Chicago, Burl. & Q.	708,155 97	597,240 80		
Chicago, L. S. & E.				2,783 50
Chicago, Harv. & G. L.				83 20
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.				
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern	178,590 96	194,080 18		239,083 51
Green Bay & Western		2,012 24		682 09
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	761,302 54	809,071 43	\$27,467 46	
Iola & Northern				
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, T. & W.	2,463 84			
Mineral Point & N.				
M., St. P. & S. S. M.	88,248 82	160,699 92		16,320 73
Northern Pacific	237,249 53	322,133 71	11,453 96	138,444 16
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.				231 19
Superior & S. E.				
Tomahawk & E.				
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	130,089 36	108,127 73		12,816 19
Wisconsin & Michigan	6,921 84	10,961 16		
Wisconsin & Northern				
Wisconsin, Ruby & S.				
Waupaca-Green Bay	363 06			
Wisconsin N. W.				
Mattoon Ry. Co.				
Total	\$3,254,154 62	\$3,152,035 57	\$38,926 42	\$509,169 01

WHOLE LINE, 1908—Continued.

Equipment—Continued.

Work equip- ment—re- newals.	Work equip- ment—de- preciation.	Shop machinery and tools.	Power plant equip- ment.	Injuries to persons.	Stationery and printing.
.....	\$80 00	.....	.....	.....	.....
.....	5 13	\$11 71	.....	.....	.....
.....	.....	1 75	.....	.....	.....
.....
.....	.....	184,104 58	.....	\$28,286 84	\$18,587 28
.....	16,495 11	163,046 00	.....	27,830 60	14,111 81
.....	.....	26,464 92	.....	3,829 75	3,319 85
.....	.....	234,163 89	.....	10,636 97	21,978 42
.....	1,535 24	4,425 37	.....	2,835 46	1,006 81
.....
.....	60 00	28 75	\$368 45	.....	.....
.....
.....
.....
.....	.....	8,589 32	.....	498 98	572 73
.....
.....
\$9,617 23	69,456 32	106,658 76	.....	87,790 31	11,887 73
.....	1,070 00	3,038 99	142 89	84 00	43 52
.....
.....
.....	.....	257,316 87	.....	27,116 61	17,831 02
.....	.....	.....	.....	.....	5 00
.....
.....	.....	.....	.....	.....	18 25
.....	.....	2 14	.....	.....	.....
.....	.....	183 59	.....	.....	41 73
.....
.....
.....	1 44	232 11	.....	.....	.....
.....	.....	281 82	.....	.....	1 00
.....	1,578 96	39,222 04	10,126 94	3,422 24	3,070 30
721 97	46,069 06	119,155 82	.....	20,769 56	8,536 44
.....
.....
4,624 27	786 08	102 45	.....	.....	10 75
.....
.....
.....
.....
.....	3,880 84	24,746 28	.....	37,708 69	1,411 50
.....	.....	467 37	.....	55	73 98
.....
.....
.....	.....	362 27	.....	.....	.....
\$14,933 47	\$140,077 18	\$1,222,616 80	\$10,938 28	\$105,350 66	\$67,003 17

OPERATING EXPENSES.

Maintenance of Equipment,—concluded.

Name of Company.	Other expenses.	Maintenance of joint equipment at terminals —Dr.	Maintenance of joint equipment at terminals —Cr.	Total.
Abbotford & N. E.....	\$390 00			\$1,028 30
Ahnapee & Western	267 68			5,877 69
Ashland, Odanah & M.	48 49			10,383 72
Rayfield Transfer				1,554 04
Big Falls R'y Co.....	1,101 90			1,101 90
Chl., Milw. & St. P....	50,002 14	\$34,509 59	\$1,971 09	7,080,270 26
Chicago & N. W.....	11,004 80	6,501 23	2,038 53	6,839,241 21
C., St. P., M. & O.....	11,977 64	8,540 39	2,400 16	1,532,634 65
Chicago, Burl. & Q.....	1165,017 77	34,434 13	14,627 67	12,368,932 08
Chicago, L. S. & E.....	1,361 93	129,925 79	47,437 12	1,135,081 50
Chicago, Harv. & G. L.				3,558 12
Chicago & Lake S.....				498 50
Chippewa R. & N.....	595 07			595 07
Chippewa V. & N.....	3,191 04			3,191 01
Drummond & S. W.....				4,222 12
Duluth, S. S. & Atl....	6,140 62	32,768 02	40,293 08	351,354 83
Dunbar & Wausaukee	717 38			717 38
Fairchild & N. E.....	79 58			1,061 38
Great Northern	185,137 95	31,281 20	11,006 49	8,225,493 41
Green Bay & Western..	1,183 45			102,288 35
Hawthorne, Nebag. & S.				726 44
Hazelhurst & S. E.....				1,039 07
Hillsboro & N. E.....				634 45
Illinois Central	57,783 92	9,956 16	5,089 58	9,310,136 11
Iola & Northern	31 00			1,425 79
J. R. D. L. Co., L. R'y.				
Kewaukee, G. B. & W.	628 73		2,597 44	18,945 30
La Crosse & S. E.....	90 73	30 00		3,086 62
Lake Superior T. & T.	1,163 79			19,537 63
Laona & Northern				2,294 45
Marathon Co. R'y Co.....				
Marquette, T. & W.....				9,397 07
Mineral Point & N.....	137 40			12,301 90
M., St. P. & S. S. M.....	06	10,150 56		1,368,438 35
Northern Pacific	110,218 96	23,536 34	10,824 43	8,537,408 60
N. W. Coal R'y Co.....				3,089 59
Oshkosh Transp. Co.....				
R. L. & V. Co., L. R'y	827 01			827 01
Robbins R'y Co.....	2,731 00			2,731 00
Stanley, Merrill & P.....	1,376 53			31,271 60
Superior & S. E.....	3,683 78			4,383 78
Tomahawk & Eastern..				465 28
Whitcomb & Morris.....				22 85
Winona Bridge R'y Co.....				
Wisconsin Central	2,762 69	6,373 00	226 08	1,051,146 82
Wisconsin & Michigan...	1,008 75			42,704 72
Wisconsin & Northern				615 60
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				363 06
Wisconsin Northwestern				6,945 61
Mattoon Ry. Co.....	181 97			2,366 82
Total	\$621,719 81	\$328,006 34	\$139,408 57	\$58,061,495 87

¹ Includes \$153,312.82, insurance.² Not itemized.

WHOLE LINE, 1908—Continued.

Traffic Expenses.

Superintendence.	Outside agencies.	Advertising.	Traffic associations.	Fast freight line.
\$300 00		\$10 83		
242,749 66	\$785,355 74	334,065 51	\$28,961 25	
232,446 49	456,400 21	228,476 99	18,579 51	
64,670 48	114,962 48	24,243 06	5,903 68	
402,946 67	673,447 96	233,135 49	50,285 82	
11,546 51		128 33	47 19	
247 00		8 00		
33,774 22	39,632 19	5,641 82	171 72	\$366 16
160,100 69	360,181 00	90,639 00	7,845 46	
1,900 43	300 00	400 20	119 50	
325,967 81	507,337 18	113,381 14	35,836 91	1,073 10
600 00		79 03		
1,451 30				
485 45		8 57		
600 00		40 90		
50,192 82	107,327 09	25,874 42	2,352 41	7,323 50
181,077 33	283,638 38	138,675 05	18,278 25	
1,143 25		7 50	28 07	
55,012 05	161,878 31	14,280 09	1,006 91	
1,725 06 *	2,931 21	554 16		
\$1,799,986 12	\$3,396,421 75	\$1,210,128 73	\$170,100 68	\$8,762 76

* Includes \$1,855.16 for "Equipment Borrowed, Dr."

OPERATING EXPENSES,

Traffic Expenses—Concluded.

Name of Company.	Industrial and Immi- gration bureau.	Stationery and printing.	Other expenses.	Total.
Abbotsford & N. E.				
Ahnapee & Western		\$31 09		\$331 09
Ashland, Odanah & M.				
Bayfield Transfer		50		11 39
Big Falls Ry. Co.				
Chl., Milw. & St. Paul.	\$7,404 53	81,149 76	\$1,956 53	1,331,683 01
Chicago & N. W.	2,980 68	121,696 15		1,090,580 08
C., St. P., M. & O.		26,124 66	50 20	235,934 55
Chicago, Burl. & Q.	18,836 16	155,318 65	6,524 00	1,535,494 65
Chicago, L. S. & E.		1,724 46	4 88	13,451 37
Chicago, Harv. & G. L.		13 99	10 10	279 09
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		6,663 82	24 19	85,374 12
Dunbar & Wausaukee				
Fairchild & N. E.			8 95	8 95
Great Northern	35,769 08	51,306 43	18,395 96	724,307 67
Green Bay & Western		1,584 67	30 23	4,335 03
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	17,374 16	198,912 75	7,091 91	1,307,476 46
Iola & Northern		5 00		5 00
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.		62 28		622 28
La Crosse & S. E.		128 87	25 70	1,684 93
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.		198 26	24 32	716 53
Mineral Point & N.		27 25		677 15
M., St. P. & S. S. M.	6,314 31	23,191 31		231,475 36
Northern Pacific	33,982 39	48,605 05	533 55	907,840 00
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.		196 37		1,375 19
Superior & S. E.				
Tomahawk & Eastern			198 31	198 31
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,221 28	15,222 20	240 81	252,572 75
Wisconsin & Michigan		1,093 62	28	6,304 83
Wisconsin & Northern			101 46	101 46
Wisconsin, Ruby & S.				
Waupaca-Green Bay			163 04	163 04
Wisconsin N. W.				
Mattoon Ry. Co.				
Total	\$118,732 59	\$733,357 19	\$35,368 22	\$7,472,858 04

¹ Includes station supplies, yardmen, etc.

WHOLE LINE, 1908—Continued.

Transportation Expenses.

Superintendence.	Dispatching trains.	Station employees.	Weighing and car service associations.	Coal, ore and other docks.	Station supplies and expenses.
.....	.....	\$1,310 23	\$23 16	.....	\$68 83
\$422 75	.....	4,044 00*	.....	.....	350 39
736 85	\$495 51	577 80	.....	.....	4 05
.....	.....	572 29	.....	.....	.....
.....
325,568 45	296,780 80	3,040,891 49	82,833 47	\$25,791 52	210,543 81
376,205 98	228,734 09	3,233,952 51	83,897 87	115,786 00	247,340 13
65,015 86	72,801 07	693,050 32	28,707 68	.....	49,655 51
508,096 99	470,323 39	3,618,109 78	97,359 47	.....	209,483 87
80,592 45	3,140 43	66,053 07	20,298 34	.....	7,241 61
.....
1,022 00	200 00	112 50	55 00	.....	.....
1,200 00	.....	120 00	.....	.....	.....
.....
.....
16,242 95	16,588 41	132,066 07	1,592 75	34,867 55	9,535 27
.....	.....	780 00	.....	.....	.....
900 00	.....	1,137 70	.....	.....	.....
394,890 55	192,070 14	1,763,392 98	45,557 51	.....	100,197 71
2,743 58	2,050 00	24,626 52	468 45	.....	1,771 31
.....
.....	.....	611 00	.....	.....	.....
.....	.....	808 75	.....	.....	.....
480,123 75	245,412 83	3,212,161 01	81,982 09	.....	241,321 41
.....	.....	451 40	.....	.....	30 11
.....
1,146 00	420 00	5,204 25	.....	.....	108 95
2,591 28	.....	2,333 64	.....	.....	66 52
855 31	.....	5,320 00	27 22	.....	1,536 15
.....
.....
478 32	.....	1,154 51	44 59	.....	207 96
600 00	365 00	2,531 07	.....	.....	724 35
75,008 23	45,817 95	401,534 22	8,364 22	29,712 21	37,422 27
318,266 99	431,438 09	2,676,961 37	44,996 19	.....	104,593 51
.....
.....	.....	590 62	60 00	.....	50
.....
1,500 00	.....	.....	.....	.....	.....
1,201 33	.....	1,392 63	.....	.....	230 23
.....
1,320 00	.....	.....	.....	.....	.....
.....	141 23	1347 51	.....	.....	.....
.....
227 50	.....	.....	.....	.....	.....
60,545 69	41,810 42	395,301 21	10,463 29	21,844 86	35,904 87
.....
2,079 63	1,368 42	8,486 15	135 52	.....	1,338 47
.....	.....	23,920 80	.....	.....	.....
.....	.....	374 33	.....	.....	117 41
.....
290 00	.....	700 00	.....	.....	23 40
\$2,669,987 44	\$2,110,497 83	\$19,350,987 73	\$506,856 82	\$228,002 14	\$1,379,373 83

* Station service.

OPERATING EXPENSES,

Transportation Ex

Name of Company.	Yardmasters and their clerks.	Yard conductors and brakemen.	Yard switch and signal tenders.	Yard supplies and expenses.
Abbotsford & N. E.....				
Ahnapee & Western				
Ashland, Odanah & M.....				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul.....	\$174,733 16	\$1,337,507 11	\$100,301 80	\$11,910 20
Chicago & N. W.....	237,397 57	1,167,365 13	67,326 34	9,775 49
C., St. P., M. & O.....	40,465 57	230,554 96	5,256 19	1,594 79
Chicago, Burl. & Q.....	417,055 56	1,321,142 37	97,805 07	24,283 11
Chicago, L. S. & E.....	45,761 70	293,972 98	7,056 08	832 99
Chicago, Harv. & G. L.....				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	5,348 49	43,507 99	6,613 49	1,506 13
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern	177,787 37	537,444 24	47,406 91	6,274 17
Green Bay & Western		3,333 88		11 57
Hawthorne, Nebag. & S.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central	368,859 71	1,084,064 29	58,888 68	17,008 94
Iola & Northern				
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....		1,445 76		3 60
La Crosse & S. E.....				24 88
Lake Superior T. & T.....	2,447 73	29,433 83	4,003 63	308 33
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....		63 81		
M., St. P. & S. S. M.....	26,665 87	73,169 98	6,337 63	941 76
Northern Pacific	197,138 13	870,964 31	56,569 68	18,897 73
N. W. Coal Ry. Co.....	1,200 00	2,310 47	1,443 11	59 44
Oshkosh Transp. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....		1,364 45		130 34
Superior & S. E.....				
Tomahawk & Eastern				
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central	17,321 84	115,286 16	4,531 99	819 41
Wisconsin & Michigan				4 04
Wisconsin & Northern				
Wisconsin, Ruby & S.....				
Waupaca-Green Bay				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	\$1,762,641 74	\$7,018,370 66	\$459,875 49	\$94,356 51

OPERATING EXPENSES,

Transportation Ex

Name of Company.	Operating joint yards and termi- nals -Dr.	Operating joint yards and termi- nals -Cr.	Motormen.	Road engineemen.
Abbotsford & N. E.				\$1,658 96
Ahnapee & Western				2,007 06
Ashland, Odanah & M.				5,551 53
Bayfield Transfer				2,185 03
Big Falls Ry. Co.				
Chi., Milw. & St. Paul.	\$515,942 66	\$150,784 58		2,617,197 27
Chicago & N. W.	237,091 26	85,512 71		3,034,710 85
Chi., St. P., M. & O.				612,799 43
Chicago, Burl. & Q.	513,668 06	182,740 34		2,931,643 85
Chicago, L. S. & E.	10,639 80			94,522 93
Chicago, Harv. & G. L.			\$2,287 25	
Chicago & Lake Sup.				720 00
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				1,634 95
Duluth, S. S. & Atl.	29,172 62	6,769 08		157,754 00
Dunbar & Wausaukee				1,064 20
Fairchild & N. E.				2,407 49
Great Northern	206,713 68	86,646 22		1,880,719 69
Green Bay & Western ..	2,475 68			27,809 67
Hawthorne, Nebag. & S.				349 83
Hazelhurst & S. E.				2,243 05
Hillsboro & N. E.				723 50
Illinois Central	176,650 30	327,688 58		2,407,904 80
Iola & Northern				1,089 21
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.				5,333 20
La Crosse & S. E.				3,521 11
Lake Superior T. & T.	771 13	310 64		
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				4,173 20
Mineral Point & N.	3,886 98			3,266 85
M., St. P. & S. S. M.	119,407 12	3,208 89		468,300 83
Northern Pacific	321,761 13	235,430 24		2,408,054 64
N. W. Coal Ry. Co.				
Oshkosh Transp. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				3,022 18
Stanley, Merrill & P.	572 15			3,521 80
Superior & S. E.				3,202 33
Tomahawk & Eastern				396 84
Whitcomb & Morris				1,850 00
Winona Bridge Ry. Co.				
Wisconsin Central	95,126 42	22,275 99		332,415 83
Wisconsin & Michigan ..	3,634 68			13,133 43
Wisconsin & Northern ..				4,118 15
Wisconsin, Ruby & S.				
Waupaca-Green Bay				619 50
Wisconsin N. W.				
Mattoon Ry. Co.				8,755 07
Total	\$2,337,513 61	\$1,101,387 23	\$2,287 25	\$17,150,418 84

WHOLE LINE, 1908—Continued.

penses—Continued.

Enginehouse expenses— road.	Fuel for road locomotives.	Water for road locomotives.	Lubricants for road locomotives.	Other sup- plies for road locomotives.	Operating power plants.
\$555 08	\$2,841 98	\$35 35	\$25 83	\$12 77	.....
513 54	4,800 00	66 40	78 04	40 81	.....
955 04	5,284 26	1,027 79	267 37	57 72	.....
504 36	2,259 33	46 14	27 08	6 91	.....
.....
723,172 15	4,772,344 30	184,447 12	76,823 25	79,493 93	.....
946,610 31	5,355,061 82	297,490 21	94,984 79	96,578 59	.....
194,127 84	1,279,400 34	47,485 75	14,273 24	12,080 92	.....
770,494 36	5,297,578 81	279,918 18	97,426 53	133,077 34	.....
15,200 73	124,319 38	1,803 99	4,351 17	1,831 61	.....
.....
480 00	1,456 41	57 40	94 03	.....	\$7,576 00
.....
.....	3,565 63	.....	.....	.....	.....
.....	1,798 74	.....	104 74	37 11	.....
.....
38,723 65	300,024 44	11,228 99	3,287 90	4,980 86	.....
.....	8,668 85	.....	.....	.....	.....
.....	4,451 53	64 56	.....	.....	.....
534,464 41	4,752,759 72	157,434 92	80,965 10	91,638 91	.....
6,091 92	54,785 85	1,338 11	790 14	615 06	.....
.....
182 90	1,019 53	.....	124 13	44 42	.....
.....	4,692 56	.....	.....	.....	.....
.....	1,405 50	108 00	.....	60 85	.....
702,495 29	8,311,104 39	219,774 38	100,316 01	70,058 30	.....
552 30	1,309 00	60 00	83 53	33 41	.....
.....
1,000 00	8,165 00	125 00	111 26	83 22	.....
1,145 29	12,272 71	273 45	194 52	9 81	.....
.....
.....	3,018 20	.....	131 25	.....	.....
.....
1,123 30	10,400 31	89 17	121 99	26 09	.....
1,737 90	8,628 99	158 84	305 95	263 30	.....
182,458 91	1,167,772 08	48,798 51	22,565 60	25,097 72	.....
693,846 61	5,166,081 36	226,891 59	92,738 16	83,615 73	.....
.....
.....	1,506 60	.....	.....	.....	.....
720 00	7,934 74	.....	.....	.....	.....
1,667 63	9,795 01	421 41	156 02	92 41	.....
.....
.....	6,534 42	.....	.....	.....	.....
.....	528 27	.....	.....	409 07	.....
225 00	.....	.....	.....	30 00	.....
.....
61,074 82	600,458 32	26,147 63	10,470 40	10,137 12	.....
.....
3,498 46	34,693 44	1,402 67	546 15	251 02	.....
.....	6,378 82	.....	1,194 33	.....	.....
.....
261 64	1,010 94	.....	76 90	9 58	.....
.....	7,754 94	.....	.....	.....	.....
.....	3,477 53	307 50	98 46	17 88	.....
.....
\$4,884,762 44	\$32,842,147 61	\$1,509,098 06	\$302,633 87	\$312,696 06	\$7,576 00

OPERATING EXPENSES,

Transportation

Name of Company.	Road Train- men.	Train supplies and expenses.	Interlockers and block and other signals— operation.
Abbotsford & Northeastern	\$1,360 87	\$51 79	.....
Ahnapee & Western.....	2,276 06	1,063 22	.....
Ashland, Odanah & Marengo.....	4,154 67	466 40	.....
Bayfield Transfer	1,373 99	51 94	.....
Big Falls R'y Co.....			.....
Chicago, Milwaukee & St. Paul..	2,846,152 46	653,413 97	\$113,235 68
Chicago & Northwestern.....	3,505,598 90	973,245 48	\$58,008 41
Chicago, St. P., M'polis & Omaha	653,276 84	189,846 94	18,591 07
Chicago, Burlington & Quincy....	2,803,803 19	1,155,111 33	53,768 24
Chicago, Lake Shore & Eastern..	85,408 40	13,222 80	55 09
Chicago, Harv. & Geneva Lake..	2,810 55	141 75	.....
Chicago & Lake Superior.....	480 00		.....
Chippewa River & Northern.....			.....
Chippewa Valley & Northern.....			.....
Drummond & Southwestern.....	790 01	6 52	.....
Duluth, South Shore & Atlantic..	181,720 49	31,372 21	1,533 07
Dunbar & Wausaukee.....	2,379 75	710 43	.....
Fairchild & Northeastern.....	623 00		.....
Great Northern	1,844,522 48	672,939 33	63,087 10
Green Bay & Western.....	24,347 73	4,432 04	.....
Hawthorne, Nebag. & Superior..	283 09		.....
Hazelhurst & Southeastern.....	2,751 05	192 53	.....
Hillsboro & Northeastern.....	1,152 87		.....
Illinois Central	2,506,761 91	925,464 32	145,957 43
Iola & Northern	900 00	117 83	.....
J. R. Davis Lumber Co., Log R'y			.....
Kewaunee, Green Bay & Western	4,997 08	1,293 63	.....
La Crosse & Southeastern.....	2,234 52	743 80	.....
Lake Sup. Terminal & Transfer..			.....
Laona & Northern	8,609 95		.....
Marathon County R'y Co.....			.....
Marinette, Tomahawk & Western	2,376 02	427 95	.....
Mineral Point & Northern.....	3,443 32	65 31	.....
M'polis, St. P. & Sault Ste. M....	500,785 81	172,472 19	17,411 31
Northern Pacific	2,363,079 40	956,177 00	30,146 22
Northwestern Coal R'y Co.....			.....
Oshkosh Transportation Co.....			.....
Rodd's L. & V. Co., Log. R'y....	1,632 91		.....
Robbins R'y Co.....			.....
Stanley, Merrill & Phillips.....	3,676 77	1,021 49	.....
Superior & Southeastern.....	2,003 00		.....
Tomahawk & Eastern.....	225 26	94 18	.....
Whitcomb & Morris.....			.....
Winona Bridge R'y Co.....			.....
Wisconsin Central	405,603 36	74,082 28	16,654 64
Wisconsin & Michigan.....	15,277 11	2,090 02	1,141 97
Wisconsin & Northern	4,123 80	1 55	.....
Wisconsin, Ruby & Southern.....			.....
Waupaca-Green Bay	376 69	1 25	.....
Wisconsin Northwestern	4,074 28		.....
Mattoon R'y. Co.....	5,218 07	11 45	.....
Total	\$17,806,707 58	\$5,724,325 28	\$715,174 23

Expenses—Continued.

Crossing flagmen and gatemen.	Drawbridge operation	Clearing wrecks.	Telegraph and telephone operation.	Operating floating equipment.
	\$782 55		\$91 50	
		\$6 00		
\$179,482 57	33,512 91	68,160 89	39,395 79	
275,638 00	23,537 21	82,838 51		
11,849 24	3,580 49	9,421 69	23,154 87	
110,373 37	11,902 44	87,835 39	239,461 48	
7,144 96	2,401 68	7,980 27	8,054 00	
			12 95	
8,989 79		2,053 10	169 82	
19,958 73	6,837 10	122,308 13	283,210 91	
1,265 37		398 24	477 26	
		14 32		
87,770 87	12,119 69	84,253 00	169,320 39	\$20,711 92
			38 00	
	508 26		70 50	
73 50		\$38 14	25 95	
			25 00	
			6 17	
8,246 08	1,265 85	43 76	355 50	
53,692 27	22,320 70	13,081 85	30,987 53	
		152,968 49	132,937 67	41,879 42
		40 10		
		20 35		
	1,597 93			
19,767 84	4,114 31	15,940 17	8,504 09	
		95 83	9 83	
\$779,198 19	\$124,517 12	\$647,728 79	\$1,001,319 24	\$62,591 34

OPERATING EXPENSES.

Transportation Ex

Name of Company.	Stationery and printing.	Other expenses.	Loss and damage—freight.	Loss and damage—baggage.
Abbotsford & N. E.....	\$108 56	.....	\$64 24	.....
Ahnapee & Western	185 83	\$19 83	202 45	.....
Ashland, Odanah & M....	86 88	131 15	.....	.....
Bayfield Transfer	76 96	.....	.....	.....
Big Falls Ry. Co.....	.....	3,569 82	.....	.....
Chl., Milw. & St. Paul..	152,131 69	43,799 83	742,067 25	\$6,495 19
Chicago & N. W.....	171,422 85	97,544 61	706,341 15	10,922 91
Chl., St. P., M. & O....	49,544 22	27,630 46	110,948 83	1,175 08
Chicago, Burl. & Q.....	170,808 64	110,874 34	1,185,227 53	10,255 40
Chicago, L. S. & E.....	7,985 05	1,533 97	1,737 60	.....
Chicago, Harv. & G. L..	261 95	611 31	10 31	.....
Chicago & Lake Sup.....	23 46	43 91	10 58	.....
Chippewa R. & N.....	.....	3,170 73	.....	.....
Chippewa V. & N.....	19 00	6,837 13	.....	.....
Drummond & S. W.....	.....	.....	.....	.....
Duluth, S. S. & Atl.....	10,411 82	5,438 99	7,620 12	105 89
Dunbar & Wausaukee ..	87 97	.....	.....	.....
Fairchild & N. E.....	156 86	70 25	172 32	.....
Great Northern	88,798 52	114,958 41	461,368 91	5,000 76
Green Bay & Western ..	2,253 71	255 58	2,298 61	.....
Hawthorne, Nebag. & S. ....	.....	167 13	.....	.....
Hazelhurst & S. E.....	27 70	.....	.....	.....
Hillsboro & N. E.....	165 70	887 88	46 18	.....
Illinois Central	137,680 72	100,071 96	837,154 10	3,653 44
Iola & Northern	51 70	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W..	271 11	.....	475 24	.....
La Crosse & S. E.....	320 20	3,173 41	313 59	3 00
Lake Superior T. & T....	293 45	2,483 77	59 76	5 00
Laona & Northern .....	.....	257 51	.....	.....
Marathon Co. Ry. Co....	.....	6,388 57	.....	.....
Marinette, T. & W.....	185 34	.....	26 77	.....
Mineral Point & N.....	365 37	3 15	60 53	10 00
M., St. P. & S. S. M....	16,731 75	12,623 30	110,084 93	1,607 86
Northern Pacific	99,416 10	22,312 08	869,519 03	18,475 87
N. W. Coal Ry. Co.....	.....	.....	.....	.....
Oshkosh Transp. Co.....	.....	.....	.....	.....
R. L. & V. Co., L. Ry..	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & P....	433 48	23 15	5 19	.....
Superior & S. E.....	.....	1,148 06	2 18	.....
Tomahawk & Eastern ..	63 71	.....	113 57	.....
Whitcomb & Morris .....	.....	.....	.....	.....
Winona Bridge Ry. Co....	.....	.....	.....	.....
Wisconsin Central	23,656 53	5,445 70	66,958 79	323 87
Wisconsin & Michigan ..	2,115 52	3,218 04	404 42	5 00
Wisconsin & Northern ..	.....	271 53	.....	.....
Wisconsin, Ruby & S. ....	.....	.....	.....	.....
Waupaca-Green Bay	63 73	149 42	.....	.....
Wisconsin N. W.....	.....	.....	.....	.....
Mattoon Ry. Co.....	.....	19 40	23 53	.....
Total	\$986,161 18	\$574,657 78	\$5,108,015 87	\$68,129 33

¹ Credit.

WHOLE LINE, 1908—Continued.
penses—Concluded.

Damage to property.	Damage to stock on right of way.	Injuries to persons.	Operating joint tracks and facilities—Dr.	Operating joint tracks and facilities—Cr.	Total.
.....	\$5 16	.....	.....	.....	\$8,122 86
.....	119 27	\$4,805 65	.....	.....	17,589 08
\$14 40	5 50	104 50	.....	.....	24,513 20
.....	.....	.....	.....	.....	7,304 47
.....	.....	.....	.....	.....	3,589 82
61,436 40	22,991 69	438,222 51	\$44,069 39	\$18,563 43	21,360,567 41
133,012 08	31,826 90	564,115 63	13,323 40	2,793 45	24,635,180 45
8,102 85	5,649 74	81,584 17	201,897 05	206,972 03	4,873,235 65
184,545 74	69,868 84	440,465 28	60,154 86	75,184 50	25,183,243 51
9,189 24	696 70	88,933 44	77,577 18	105 89	1,372,115 75
81 41	.....	.....	.....	.....	15,188 53
.....	.....	.....	28 20	.....	4,713 04
.....	.....	.....	.....	.....	3,170 73
.....	.....	.....	.....	.....	10,411 81
.....	.....	.....	.....	.....	4,342 67
751 09	989 61	4,944 74	151 77	.....	1,136,354 05
.....	.....	.....	.....	.....	3,691 20
157,503 18	107,665 10	507,367 85	17,562 68	17,213 07	16,561,307 33
45 00	80 00	2,616 65	1,253 21	.....	176,069 47
.....	.....	.....	.....	.....	2,006 38
.....	.....	.....	.....	.....	10,700 08
.....	.....	.....	.....	.....	4,853 73
90,365 90	140,529 48	356,273 50	35,004 63	37,194 70	10,480,219 53
.....	.....	.....	.....	.....	4,514 49
.....	57 00	7 50	.....	.....	33,372 12
.....	112 50	1 50	.....	.....	29,363 07
419 96	.....	7,336 31	.....	.....	102,923 35
.....	.....	.....	.....	.....	7,103 01
.....	.....	5 00	.....	.....	6,388 57
.....	3 78	25 54	39 80	.....	20,846 67
34,331 31	16,760 42	126,561 76	17,616 05	.....	27,086 30
176,934 68	106,297 54	719,431 74	2,231 54	41,230 27	3,953,971 72
76 61	.....	.....	.....	.....	20,700,653 10
.....	.....	.....	.....	.....	11,405 20
.....	.....	.....	.....	.....	3,835 96
.....	.....	.....	.....	.....	13,176 92
.....	28 00	425 00	.....	.....	33,461 86
.....	.....	.....	.....	.....	14,210 04
.....	.....	.....	145 55	.....	2,417 90
.....	.....	.....	.....	.....	1,605 00
2,358 93	3,338 97	35,132 41	16,006 19	1,325 43	2,710,813 83
.....	.....	.....	.....	1,328 75	.....
.....	68 48	70 58	.....	.....	95,773 79
.....	.....	.....	.....	.....	20,009 12
.....	.....	.....	.....	.....	3,011 41
.....	.....	.....	.....	.....	11,879 22
203 51	164 00	400 00	.....	.....	14,709 30
\$850,953 42	\$507,142 14	\$3,448,835 35	\$187,650 85	\$452,403 57	\$142,797,391 52

OPERATING EXPENSES,
General

Name of Company.	Salaries and expenses of general officers.	Salaries and expenses of clerks and attendants.	General office supplies and expenses.	Law expenses.
Abbotsford & N. E.....	\$1,330 00	.....	\$23 22	.....
Ahnapee & Western	1,115 23	\$597 50	.....	\$170 00
Ashland, Odanah & M....	923 29	1,148 14	.....	90 00
Bayfield Transfer	2,358 50	450 00	158 37	.....
Big Falls Ry. Co.....	.....	.....	.....	.....
Chi., Milw. & St. Paul..	172,006 73	354,212 79	45,485 45	177,754 74
Chicago & N. W.....	173,479 50	456,304 85	85,945 91	106,800 67
C., St. P., M. & O.....	80,519 41	126,969 68	15,027 85	31,886 01
Chicago, Burl. & Q.....	304,357 74	1,008,737 80	54,848 89	318,998 43
Chicago, L. S. & E.....	18,514 52	16,375 09	5,788 81	14,470 82
Chicago, Harv. & G. L..	351 94	.....	27 42	.....
Chicago & Lake Sup.....	.....	.....	.....	.....
Chippewa R. & N.....	.....	.....	.....	.....
Chippewa V. & N.....	250 00	.....	.....	.....
Drummond & S. W.....	.....	200 00	30 95	.....
Duluth, S. S. & Atl....	22,237 05	30,752 07	3,068 81	7,984 44
Dunbar & Wausaukee .....	.....	.....	.....	.....
Fairchild & N. E.....	.....	.....	9 00	.....
Great Northern	145,789 56	338,732 13	20,704 83	168,953 00
Green Bay & Western ..	12,800 24	6,846 96	749 25	1,866 96
Hawthorne, Nebag. & S.	.....	.....	.....	.....
Hazelhurst & S. E.....	.....	.....	.....	.....
Hillsboro & N. E.....	.....	.....	.....	.....
Illinois Central	116,784 42	522,493 06	65,643 32	227,968 68
Iola & Northern	15 23	.....	.....	.....
J. R. D. L. Co., L. Ry.	.....	.....	.....	.....
Kewaunee, G. B. & W....	3,863 03	1,500 00	106 00	89 65
La Crosse & S. E.....	1,047 07	1,114 23	243 08	18 16
Lake Superior T. & T....	680 00	3,052 99	73 40	2,870 30
Laona & Northern	1,300 00	800 00	233 27	.....
Marathon Co. Ry. Co.....	.....	.....	.....	.....
Marquette, T. & W.....	800 00	817 95	53 23	55 72
Mineral Point & N.....	4,030 04	1,455 00	628 54	219 15
M., St. P. & S. S. M....	61,004 30	79,067 35	12,345 27	31,427 44
Northern Pacific	147,601 30	400,191 06	27,751 53	166,199 53
N. W. Coal Ry. Co.....	1,500 00	.....	.....	166 05
Oshkosh Transp. Co.....	997 96	.....	110 00	.....
R. L. & V. Co., L. Ry..	.....	.....	.....	.....
Robbins Ry. Co.....	.....	.....	.....	.....
Stanley, Merrill & P....	1,323 55	1,300 00	177 30	340 05
Superior & S. E.....	.....	.....	.....	300 00
Tomahawk & Eastern .....	.....	.....	.....	.....
Whitcomb & Morris	200 00	.....	.....	.....
Winona Bridge Ry. Co....	.....	300 00	.....	.....
Wisconsin Central	65,353 63	59,402 71	47,742 55	32,734 74
Wisconsin & Michigan ..	2,968 87	2,719 84	1,218 38	925 61
Wisconsin & Northern ..	3,797 97	.....	.....	.....
Wisconsin, Ruby & S....	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	.....
Wisconsin N. W.....	.....	.....	.....	.....
Mattoon Ry. Co.....	1,300 00	1,800 00	106 53	.....
Total	\$1,251,116 67	\$3,417,291 19	\$388,307 11	\$1,352,179 85

WHOLE LINE, 1908—Continued.
Expenses.

Insurance.	Relief department expenses.	Pensions.	Stationery and printing.	Other expenses.
.....	\$18 72	.....
\$205 00	69 10	\$140 75
193 27	86 76	99 60
.....	122 23	.....
.....	22 12
.....	49,989 57	23,502 16
21,865 10	\$116,268 06	43,984 67	40,233 29
.....	4,833 77	10,874 01	4,309 92
1,186 37	\$79,662 72	.....	50,752 70	51,279 93
3,157 46	1,955 10	969 81
.....
962 99	26 57	.....
.....	2,907 84
.....
.....
50 36	385,00	3,849 72	2,572 32
.....	446 72
88 40	599 70	42,839 76	34,683 81
.....	501 65	654 03
.....
99 45	94 73	.....
1,200 00	62,086 53	52,148 12	67,724 71
.....	38 70	60 50
.....
246 06	133 85	115 90
.....	216 44	.....
192 72	243 33	60 00
.....
.....	856 21
668 68	29 40	8 00
237 49	899 33	.....
32,476 80	8,491 88	5,900 19
165,567 06	43,030 45	98,569 64
.....
567 56	8 00	2 23
.....	2 00
.....
2,063 74	148 31	.....
.....
160 68	16 00	954 41
.....	312 83
.....
.....	2 80
19,454 11	10,473 47	8,962 11
.....
.....	891 44	36 11
150 00	412 06
.....
.....	2,516 28
.....	124 63	.....
\$256,833 36	\$79,662 72	\$184,173 06	\$321,489 54	\$348,299 83

OPERATING EXPENSES.

Name of Company.	General expenses—concluded.			Recapitu- Maintenance of way and structures.
	General ad- ministration, joint tracks, yards and terminals —Dr.	General ad- ministration, joint tracks, yards and terminals —Cr.	Total.	
Abbotsford & N. E.....			\$1,426 94	\$18,897 74
Ahnapee & Western.....			2,397 58	17,445 05
Ashland, Odanah & M.			2,421 06	19,342 23
Bayfield Transfer			3,078 10	6,272 58
Big Falls Ry. Co.....			22 12	2,378 85
Chl., Milw. & St. P.....	\$16,279 61	\$758 63	889,027 41	6,642,820 34
Chicago & Northwestern	2,981 27		1,107,873 32	7,978,438 02
Chl., St. P., M. & O....	3,319 78	31 29	277,709 99	1,628,754 33
Chl., Burlington & Q...	15,910 93	2,926 96	1,782,806 55	14,897 928 69
Chl., Lake Shore & E...	158 19		67,439 80	387,488 63
Chl., Harv. & Geneva L.			1,338 92	5,577 50
Chl., & Lake Superior..				1,075 75
Chippewa R. & Northern			2,807 84	2,774 97
Chippewa V. & Northern			250 00	
Drummond & S. W.....			230 95	6,898 23
Dul., S. S. & Atlantic..	477 87		71,327 64	561,404 05
Dunbar & Wausaukee...				9,419 64
Fairchild & N. E.....			455 72	6,475 90
Great Northern	5,561 18	1,868 74	756,073 35	9,800,617 98
Green Bay & Western..	76 00		23,495 18	111,537 69
Haw., Nebag. & Sup...				115 57
Hazelhurst & S. E.....			194 18	1,882 36
Hillsboro & N. E.....				2,370 75
Illinois Central	12,425 11		1,128,474 15	6,756,172 57
Iola & Northern.....			114 43	1,355 07
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..			5,870 43	24,160 38
La Crosse & S. E.....			2,885 04	9,612 50
Lake Superior T. & T..			6,964 92	22,320 39
Laona & Northern.....			2,425 99	1,904 44
Marathon Co. Ry. Co...			853 21	4,159 80
Marinette, T. & W.....			2,427 98	8,522 76
Mineral Point & N.....			7,019 55	11,253 31
M., St. P. & S. Ste. M.	781 07		231,485 80	1,295,736 06
Northern Pacific	8,555 45	55 15	1,057,520 80	8,761,610 51
N. W. Coal Ry. Co.....			2,243 84	5,305 13
Oshkosh Trans. Co.....			1,109 96	2,743 77
R. L. & V. Co., L. Ry.				679 98
Robbins Rty. Co.....				11,769 68
Stanley, Merrill & Phil.			5,252 95	21,835 03
Superior & Southeastern			1,431 04	7,461 51
Tomahawk & Eastern..			312 83	2,793 41
Whitcomb & Morris...			200 00	1,941 00
Winona Bridge Ry. Co.		302 80		
Wisconsin Central			244,153 32	821,966 38
Wisconsin & Michigan..			8,700 25	29,721 88
Wisconsin & Northern..			4,360 03	3,178 48
Wis., Ruby & Southern				
Waupaca-Green Bay ...				796 63
Wisconsin Northwestern			2,516 28	2,831 80
Mattoon Ry. Co.....			3,231 16	6,201 68
Total	\$66,477 45	\$5,953 57	\$7,650,897 20	\$59,224,568 13

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908—Concluded.

lation of expenses.					Percentage of operating expenses to revenue.
Maintenance of equipment.	Traffic expenses.	Transporta- tion ex- penses.	General expenses.	Grand total.	
\$1,028 30		98,122 80	\$1,426 94	\$29,405 84	83.94
5,877 69	\$331 09	17,589 98	2,297 58	43,542 29	54.87
10,383 72		24,513 20	2,421 06	56,620 21	124.01
1,554 04	11 39	7,304 47	3,078 10	18,220 58	93.90
1,101 90		3,583 82	22 12	7,087 69	77.41
7,039,270 26	1,291,683 01	11,360,567 41	883,027 41	37,168,363 43	65.24
6,839,241 21	1,080,590 03	24,635,180 45	1,107,873 32	41,641,313 63	65.47
1,532,834 65	235,974 56	4,873,235 66	277,709 99	8,542,489 67	66.40
12,368,982 08	1,535,494 65	25,183,243 51	1,782,808 55	55,263,407 48	71.09
1,135,081 50	13,451 37	1,372,115 75	67,439 80	2,975,577 10	63.42
3,553 12	279 09	15,133 58	1,338 92	25,888 21	81.82
488 50		4,713 94		6,278 19	109.06
595 07		3,170 73	2,807 34	9,345 11	81.82
3,191 04		10,411 81	250 00	18,532 85	115.25
4,222 12		4,362 67	230 95	15,708 97	
351,854 83	85,274 12	1,133,354 05	71,524 64	2,206,214 69	75.51
717 38		8,691 20		18,828 22	62.73
1,061 38	8 25	9,086 71	455 72	17,988 05	96.70
8,225,493 41	724,207 07	16,561,207 83	756,073 35	35,867,000 24	66.84
102,288 35	4,335 03	176,003 47	23,495 18	417,785 72	69.47
726 44		2,006 38		2,848 39	30.15
1,029 07		10,700 68	194 18	13,308 29	73.18
634 45		4,853 73		7,858 93	57.40
9,310,136 11	1,207,476 40	19,489,219 53	1,128,474 15	57,893,478 81	71.54
1,425 79	5 00	4,514 49	114 43	7,414 78	109.85
18,845 30	662 28	33,372 12	5,970 43	88,010 51	65.34
3,086 62	1,644 93	29,363 07	2,885 04	46,632 16	68.81
19,537 03		192,883 35	6,964 92	151,756 29	401.80
2,294 45		7,106 01	2,425 99	13,731 79	74.14
9,397 07	716 58	6,288 57	858 21	11,406 58	87.00
12,301 90	677 15	20,446 69	2,427 98	41,911 03	87.26
1,368,488 25	231,475 36	27,086 30	7,019 55	58,338 21	79.85
8,537,408 60	807,840 00	3,953,951 72	231,485 80	7,081,117 29	64.29
		20,700,653 30	1,057,520 89	39,865,083 30	58.42
3,089 59		11,405 20	2,243 84	22,043 76	94.70
837 01		3,835 98	1,109 96	3,853 73	
2,731 00		13,176 92		5,342 97	100.00
31,271 60	1,375 19	36,461 86	5,252 95	27,677 58	92.64
4,383 78		14,210 04	1,431 04	9,196 63	80.64
495 28	193 31	2,417 90	312 83	27,436 37	73.30
22 85		1,605 00	200 00	6,182 73	43.64
				3,768 85	138.00
1,051,146 82	272,572 75	2,760,803 82	244,153 32	5,120,643 09	70.21
42,704 72	6,304 33	95,773 79	8,760 25	183,264 97	80.94
615 90	101 46	20,009 12	4,360 03	28,264 99	81.31
368 06	163 04	3,061 44		4,364 17	83.59
6,845 61		11,823 22	2,516 28	24,122 91	63.87
2,896 32		14,709 30	3,231 16	37,068 46	76.21
\$58,061,495 87	\$7,472,858 04	\$142,797,861 52	\$7,659,897 20	\$275,216,675 75	66.56

CONDENSED COMPARATIVE GENERAL
Of Roads Operating in Wisconsin as Reported to the

Name of Company.	Assets.			
	Total cost of road and equipment.	Stocks, bonds and other permanent investments.	Supplies, cash and other current assets.	Profit and loss (deficit on June 30, 1908).
Abbotsford & N. E.....	\$232,000 00		\$3,618 19	
Ahnapee & Western	814,500 00		36,371 47	
Ashland, Odanah & M.....	88,775 70		15,416 34	\$335 83
Bayfield Transfer	3,423,470 51		6,404 04	810,038 14
Big Falls R'y Co.....	2,500 00		1,218 44	
C., M. & St. P.....	231,320,733 05	\$31,416,578 23	\$3,315,832 30	
Chicago & Northwestern	251,871,287 45	35,048,932 64	50,183,310 08	
C., St. P., M. & O.....	63,211,277 41	6,119,719 75	2,248,188 14	
Chl. Burl. & Quincy.....	354,832,115 23	17,706,575 61	27,030,633 50	
Chl., L. S. & Eastern.....	11,753,442 85	50,000 00	3,314,038 71	
Chl., Harv. & G. Lake..	329,920 54			25,505 00
Chicago & Lake Superior	18,000 00		480 72	
Chipp. River & Northern..	198,020 63		689 95	
Chipp. Val. & Northern..	203,733 35		1,958 54	25,630 35
Drummond & S. W.....				
Duluth, S. S. & Atl.....	43,700,318 37	833,415 28	817,155 35	3,028,953 45
Duluth, Sup. & W. Ter.	4,318,645 19		53,286 69	
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern	261,414,415 34	204,050,781 40	28,529,250 32	
Green Bay & Western..	10,037,087 50	97,318 03	211,257 13	
Hawthorne, Neb. & Sup.	7,551 44		95,971 69	
Hazelnurst & S. E.....	103,762 78		4,937 22	
Hillsboro & N. E.....				
Illinois Central	121,698,306 95	131,953,833 49	24,351,032 00	
Iola & Northern.....	71,000 00		10,633 13	
J. R. D. L. Co., L. R'y				
Kewaunee, G. B. & W..	1,121,725 00		107,575 12	
La Crosse & S. E.....	825,625 18	25,000 00	75,015 62	18,517 53
Lake Sup. Ter. & Trans.	400,250 47		37,238 73	
Laona & Northern.....				
Marathon Co. R'y Co....				
Marquette, Tom. & W..	533,560 12		37,282 20	17,349 28
Mineral Pt. & Northern	972,241 99	17,430 00	15,990 12	78,033 88
M., St. P. & S. Ste. M..	76,274,625 83	11,438,816 24	3,969,397 38	
Northern Pacific	378,791,651 71	132,761,726 80	82,129,043 46	
N. W. Coal R'y Co.....	230,987 47	843,394 00	70,467 60	68,977 73
Oshkosh Transport. Co..	70,000 00		1,739 92	
R. L. & V. Co., L. R'y..				
Robbins R'y Co.....				
Stanley, Merrill & P....	605,130 83	35,698 40	8,852 01	
Superior & Southeastern				
Tomahawk & Eastern.....			8,006 03	
Whitcomb & Morris.....	11,949 40			
Winona Bridge R'y Co..	781,304 66		32,029 85	
Wisconsin Central	53,896,934 96	11,319,437 85	4,198,900 18	
Wisconsin & Michigan...	4,197,831 84		844,163 49	22,438 96
Wisconsin & Northern..	1,268,474 92	624,000 00	49,620 77	1,353 62
Wis., Ruby & Southern..				
Mill., Bay View & Chl..	100,000 00		5,750 00	
Waupaca-Green Bay ...	110,075 42			11,144 58
Wisconsin Northwestern	314,437 93		11,032 46	
Mattoon R'y Co.....	54,630 49		7,482 65	
Total	\$1,950,848,423 56	\$630,432,792 69	\$319,521,502 61	\$4,168,398 31

¹ Includes \$22,881,835.97, subscriptions to new capital stock.

REPORT OF THE RAILROAD COMMISSION.

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BALANCE SHEET, WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Total assets.	Liabilities.				Total liabilities.
	Capital stock.	Funded debt.	Other liabilities.	Profit and loss (surplus on June 30, 1908).	
\$235,618 10	\$123,000 00	\$112,000 00	\$2,405 27	\$1,212 92	\$235,618 19
900,871 47	439,500 00	425,000 00	9,077 37	27,24 10	900,871 47
101,527 87	100,000 00		4,527 87		101,527 87
4,239,973 69	1,075,400 00	1,500,000 00	1,031,573 69		4,239,973 69
3,718 44	1,000 00	2,500 00		218 44	3,718 44
377,223,174 17	133,351,300 00	125,673,500 00	75,517,400 70	42,641,973 47	377,223,174 17
337,121,530 17	124,431,685 53	134,923,000 00	21,131,419 91	21,632,451 73	337,121,530 17
71,579,165 30	34,050,123 62	29,834,011 45	3,976,680 74	3,668,265 49	71,579,165 30
413,569,407 34	110,839,100 00	181,034,000 00	105,377,656 73	14,283,650 61	413,569,407 34
15,120,481 53	2,700,000 00	2,035,000 00	10,250,034 09	45,447 47	15,120,481 56
355,426 44	150,000 00	125,000 00	80,426 44		355,426 44
18,480 72	18,000 00		395 20	85 52	18,480 72
193,710 58	58,000 00	100,000 00	25,900 83	8,800 72	193,710 58
231,322 24	10,000 00	50,000 00	171,322 24		231,322 24
51,498,922 45	22,000,000 00	23,477,013 35	6,021,009 10		51,498,922 45
4,371,912 83	2,000,000 00	500,000 00	1,811,727 63	30,185 22	4,371,912 83
523,994,417 51	209,962,750 00	233,510,900 09	53,337,603 95	27,183,091 52	523,994,417 53
10,405,632 63	2,500,000 00	7,600,000 00	133,247 25	172,415 38	10,405,632 63
103,523 13	50,000 00			53,523 13	103,523 13
108,700 00	100,000 00			8,700 00	108,700 00
333,008,228 31	105,040,000 00	176,033,275 00	46,257,251 19	5,652,702 15	333,008,228 31
81,653 18	71,400 00		1,684 19	8,538 90	81,653 18
1,229,300 12	664,950 00	408,000 00	62,608 11	93,747 01	1,229,300 12
944,158 87	105,400 00	750,000 00	88,758 37		944,158 87
446,519 20	215,400 00	195,000 00	36,149 20		446,519 20
588,221 67	161,500 00		423,721 60		588,221 60
1,081,704 99	550,000 00	450,000 00	81,704 99		1,081,704 99
91,682,870 48	25,200,000 00	57,038,000 00	2,792,663 51	6,652,206 97	91,682,870 48
538,672,421 97	127,831,835 97	190,239,739 32	134,939,482 15	50,611,334 53	538,672,421 97
1,222,823 80	1,000,000 00	220,000 00	2,823 80		1,222,823 80
71,739 92	70,000 00			1,739 92	71,739 92
649,681 30	100,000 00	500,000 00	40,736 17	8,945 13	649,681 30
8,096 03	1,000 00			7,096 03	8,096 03
11,949 40	10,000 00			1,949 40	11,949 40
821,334 51	400,000 00	381,000 00	417 62	36,883 80	821,334 51
60,385,272 99	30,000,000 00	34,510,105 00	2,616,227 81	2,258,940 16	60,385,272 99
5,124,490 29	951,500 00	2,401,000 00	1,771,990 29		5,124,490 29
1,943,452 31	700,000 00	512,528 38	730,923 93		1,943,452 31
106,750 00	100,000 00			5,750 00	106,750 00
121,220 00	60,980 00	60,000 00	300 00		121,220 00
325,470 39	300,000 00		492 59	24,977 80	325,470 39
62,113 14	4,000 00		50,008 53	8,101 53	62,113 14
\$2,916,971,112 16	\$1,088,207,768 12	\$1,236,739,661 59	\$468,888,374 19	\$180,135,308 26	\$2,916,971,112 16

EMPLOYES AND SALARIES.

Paid by Roads Operating in Wisconsin as Reported to the

Name of Company.	General officers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	3	.....	.....	.....
Ahnapee & Western.....	5	700	\$1,400 00	\$2 00
Ashland, Odanah & Marengo.....	2	627	2,508 53	4 14
Bayfield Transfer.....	1	313	2,353 50	5 75
Big Falls R'y Co.....	.....	.....	.....	.....
Chicago, Milwaukee & St. Paul.....	.....	.....	.....	.....
Chicago & Northwestern.....	.....	.....	.....	.....
Chicago, St. Paul, Minneapolis & Omaha	3	1,065	11,774 77	10 75
Chicago, Burlington & Quincy.....	2	730	5,858 99	8 03
Chicago, Lake Shore & Eastern.....	5	24	268 16	11 09
Chicago, Harvard & Geneva Lake.....	1	182	600 00	3 28
Chicago & Lake Superior.....	1	313	1,200 00	3 80
Chippewa River & Northern.....	.....	.....	.....	.....
Chippewa Valley & Northern.....	1	100	250	2 50
Drummond & Southwestern.....	.....	.....	.....	.....
Duluth, South Shore & Atlantic.....	.....	.....	.....	.....
Dunbar & Wausaukee.....	.....	.....	.....	.....
Fairchild & Northeastern.....	5	936	1,309 00	1 39
Great Northern.....	.....	.....	.....	.....
Green Bay & Western.....	5	1,560	11,400 00	7 31
Hawthorne, Nebagamon & Superior.....	.....	.....	.....	.....
Hazelhurst & Southeastern.....	5	90	.....	.....
Hillsboro & Northeastern.....	.....	.....	.....	.....
Illinois Central.....	.....	.....	.....	.....
Iola & Northern.....	.....	.....	.....	.....
J. R. Davis Lumber Co., Logging R'y....	.....	.....	.....	.....
Kewaunee, Green Bay & Western.....	5	1,565	3,800 00	2 43
La Crosse & Southeastern.....	7	936	4,647 07	4 07
Lake Superior Terminal & Transfer.....	2	732	600 00	10
Laona & Northern.....	.....	.....	.....	.....
Marathon County R'y Co.....	.....	.....	.....	.....
Marquette, Tomahawk & Western.....	2	70	543 90	7 77
Mineral Point & Northern.....	4	1,248	5,620 00	4 50
Minneapolis, St. Paul & Sault Ste. Marie.	3	753	14,770 05	19 62
Northern Pacific.....	.....	.....	.....	.....
Northwestern Coal R'y Co.....	1	150	900 00	6 00
Oshkosh Transportation Co.....	2	625	999 96	1 00
Rodd's Lumber & Veneer Co., Logging R'y	.....	.....	.....	.....
Robbins R'y Co.....	.....	.....	.....	.....
Stanley, Merrill & Phillips.....	4	624	3,300 00	5 29
Superior & Southeastern.....	.....	.....	.....	.....
Tomahawk & Eastern.....	4	14	108 78	7 77
Whitcomb & Morris.....	1	200	200 00	1 00
Winona Bridge R'y Co.....	.....	.....	.....	.....
Wisconsin Central.....	10	3,506	68,852 34	19 61
Wisconsin & Michigan.....	.....	.....	.....	.....
Wisconsin & Northern.....	2	146	3,000 00	20 51
Wisconsin, Ruby & Southern.....	.....	.....	.....	.....
Waupaca—Green Bay.....	.....	.....	.....	.....
Wisconsin Northwestern.....	1	312	1,800 00	5 77
Mattoon R'y Co.....	4	324	1,200 00	3 85
Total.....	91	17,875	\$149,413 05	\$8 36

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Other officers.				General office clerks.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
2	180	\$1,380 00	\$7 63	1	300	\$300 00	\$2 00
1	240	300 00	1 25	1	313	450 00	1 44
4	1,232	13,599 93	10 83	13	4,745	13,488 41	2 84
1	365	780 00	2 14	15	4,685	12,370 05	2 64
				80	468	740 59	1 60
				1	183	342 50	1 87
				1	312	200 00	64
3	1,098	13,800 00	12 57	5	2,001	5,287 05	2 64
1	3 12	1,200 00	3 85	13	3,016	6,936 00	2 30
1	463	2,025 00	5 63	2	1,832	3,928 01	2 14
1	300	600 00	2 00	4	1,028	1,800 00	1 75
2	732	2,300 00	3 14	2	624	1,114 28	1 79
1	261	1,353 75	5 22	3	1,472	3,729 67	2 53
4	1,245	10,501 68	8 44	3	645	1,326 71	2 06
1	60	300 00	5 00	4	624	1,500 00	2 55
2	569	1,899 62	3 34	43	15,750	31,367 50	1 90
1	104	436 28	4 19	1	263	541 03	2 06
27	10,104	77,941 79	7 71	1	300	600 00	2 00
				1	312	1,200 00	3 85
				3	156	267 82	1 68
				140	52,035	110,272 49	2 12
				2	146	372 00	51
				1	312	600 00	1 92
				2	624	1,800 00	2 88
51	17,288	\$129,028 08	\$7 40	351	92,170	\$700,933 20	\$2 18

EMPLOYEES AND SALARIES.

Name of Company.	Station agents.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	1	313	\$765 00	\$2 44
Ahnapee & Western.....	5	1,505	2,734 00	1 85
Ashland, Odanah & Marengo.....	1	290	557 60	1 93
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	273	80,388	213,977 01	2 48
Chicago, St. Paul, Minneapolis & Omaha.....	90	28,170	71,537 06	2 54
Chicago, Burlington & Quincy.....	32	11,680	25,416 37	2 18
Chicago, Lake Shore & Eastern.....	1	365	1,020 00	2 80
Chicago, Harvard & Geneva Lake.....	1	58	101 25	1 73
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	3,311	7,647 00	2 31
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	3	936	1,131 93	1 21
Great Northern.....	9	1,711	5,155 00	3 48
Green Bay & Western.....	29	8,750	16,188 00	1 85
Hawthorne, Nebagamon & Superior.....	1	57	114 42	2 00
Hazelhurst & Southeastern.....	2	300	602 50	2 00
Hillsboro & Northeastern.....				
Illinois Central.....	15	5,885	11,780 50	2 00
Iola & Northern.....	1	312	420 00	1 35
J. R. Davis Lumber Co. Logging R'y.....				
Kewaunee, Green Bay & Western.....	4	1,135	2,100 00	1 85
La Crosse & Southeastern.....	6	2,180	2,333 84	1 08
Lake Superior Terminal & Transfer.....	1	368	1,320 00	3 61
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	1	261	555 00	2 13
Mineral Point & Northern.....	3	1,008	2,038 43	1 86
Minneapolis, St. Paul & Sault Ste. Marie.....	45	17,616	32,914 65	1 87
Northern Pacific.....	8	3,330	9,525 70	2 86
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Log. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	312	840 00	2 69
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	104	105 00	1 50
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	117	4,547	104,861 27	2 33
Wisconsin & Michigan.....				
Wisconsin & Northern.....	4	1,611	3,481 00	2 38
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....	1	312	1,010 00	3 33
Total.....	663	223,142	\$521,231 50	\$2 34

WISCONSIN, 1908—Continued.

Other station men.				Enginemen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	313	\$545 23	\$1 74	1	319	\$1,042 25	\$3 27
5	840	1,230 00	1 50	2	460	1,078 01	3 05
2	265	572 29	2 16	3	1,028	3,557 52	3 46
				2	443	1,275 90	2 88
877	274,814	460,139 81	1 78	446	148,049	662,168 90	4 47
119	37,247	74,546 98	2 00	146	45,696	224,454 17	4 91
27	8,451	16,556 22	1 98	51	18,615	80,374 18	4 32
6	1,812	2,792 50	1 54	4	1,410	4,886 55	3 46
1	183	600 00	3 28	1	182	458 33	2 51
1	313	120 00	50	1	313	720 00	2 04
				2	473	1,536 19	3 25
				1	318	965 26	3 13
17	5,772	10,597 25	1 84	13	4,945	20,662 02	4 18
1	314	780 00	2 50	1	350	1,064 20	3 04
				2	401	1,213 63	3 03
204	\$1,130	42,694 40	2 02	23	9,981	45,722 40	4 59
20	5,626	8,438 52	1 50	16	5,142	19,795 27	3 85
				1	109	274 58	2 50
				2	427	1,281 00	3 00
7	1,522	2,830 00	1 86	6	2,031	9,636 79	4 74
1	312	31 20	10	1	319	1,039 21	3 26
				3	845	3,251 13	3 85
8	2,069	3,104 25	1 50	2	720	2,081 11	2 89
5	2,105	4,500 00	2 05	5	2,980	11,173 88	3 75
				2	828	2,460 91	2 98
1	261	416 25	1 59	3	668	1,070 70	2 96
3	897	329 62	37	28	11,512	51,407 11	4 47
22	10,634	12,320 88	1 16	11	5,152	26,957 63	5 23
12	10,559	20,758 11	1 98	2	592	2,357 01	3 98
1	280	560 62	2 07	1	280	650 03	2 32
1	365	696 47	1 90	2	1,194	3,573 55	2 99
1	227	487 68	2 15	2	81	244 22	3 01
				1	313	780 00	2 49
1	104	123 75	1 19	173	62,421	260,806 20	4 18
408	158,119	313,065 97	1 96	2	730	2,743 80	3 76
1	365	540 00	1 50	2	369	1,102 80	2 96
				2	518	1,551 00	3 00
1,762	541,945	\$1,010,027 98	\$1 85	906	330,195	\$1,457,030 30	\$1 41

EMPLOYEES AND SALARIES.

Name of Company.	Firemen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern	1	321	\$316 71	\$1 92
Ahnapee & Western	2	460	389 05	2 15
Ashland, Odanah & Marengo	2	905	1,929 36	2 13
Bayfield Transfer	2	404	307 96	2 25
Big Falls R'y Co.				
Chicago, Milwaukee & St. Paul				
Chicago & Northwestern	510	173,402	45,217 63	2 64
Chicago, St. Paul, Minneapolis & Omaha	145	45,345	14,245 57	3 09
Chicago, Burlington & Quincy	47	17,155	47,000 04	2 74
Chicago, Lake Shore & Eastern	3	959	2,062 55	2 15
Chicago, Harvard & Geneva Lake	1	228	373 73	1 64
Chicago & Lake Superior	1	313	480 00	1 52
Chippewa River & Northern				
Chippewa Valley & Northern	2	415	983 41	2 37
Drummond & Southwestern	1	321	639 60	1 90
Duluth, South Shore & Atlantic	13	4,963	12,659 08	2 55
Dunbar & Wausaukee	1	350	700 00	2 00
Fairchild & Northeastern	2	404	808 00	2 00
Great Northern	26	10,128	21,674 15	2 01
Green Bay & Western	15	5,174	11,641 62	2 25
Hawthorne, Nebagamon & Superior	1	37	75 25	2 00
Hazelhurst & Southeastern	2	427	961 05	2 25
Hillshoro & Northeastern				
Illinois Central	6	2,031	5,935 76	2 92
Iola & Northern	1	315	532 30	1 75
J. R. Davis Lumber Co., Logging R'y				
Kewaunee, Green Bay & Western	3	925	2,081 07	2 25
La Crosse & Southeastern	2	720	1,440 00	2 00
Lake Superior Terminal & Transfer	5	2,991	6,730 68	2 25
Laona & Northern				
Marathon County R'y Co.				
Marinette, Tomahawk & Western	5	801	1,591 50	1 99
Mineral Point & Northern	3	671	1,357 83	1 94
Minneapolis, St. Paul & Sault Ste. Marie	28	11,512	32,536 28	2 83
Northern Pacific	11	5,152	17,235 18	3 34
Northwestern Coal R'y Co.	1	273	729 80	2 67
Oshkosh Transportation Co.				
Roddiss Lbr. & Veneer Co., Logging R'y ..	1	103	376 07	1 94
Robbins R'y Co.				
Stanley, Merrill & Phillips	2	1,106	2,352 50	2 02
Superior & Southeastern				
Tomahawk & Eastern	3	77	155 12	2 01
Whitcomb & Morris	1	313	570 00	1 82
Winona Bridge R'y Co.				
Wisconsin Central	185	61,820	161,579 89	2 61
Wisconsin & Michigan				
Wisconsin & Northern	2	730	1,861 50	2 55
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern	2	361	724 00	2 01
Mattoon R'y Co.	2	518	1,310 00	2 10
Total	1,041	352,320	\$950,083 55	\$2 70

WISCONSIN, 1906—Continued.

Conductors.				Other trainmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	321	\$741 84	\$2 31	1	322	\$619 06	\$1 92
2	459	1,261 71	2 75	2	520	1,014 35	1 95
2	882	2,159 42	2 45	2	1,192	2,589 66	2 17
2	418	1,289 64	3 08	1	71	191 83	2 69
314	109,237	450,107 68	4 12	854	246,044	679,400 52	2 75
93	29,109	141,035 07	4 85	277	86,701	268,637 61	3 10
50	18,250	57,858 17	3 17	46	16,790	36,588 60	2 18
6	616	1,405 27	2 28	4	500	1,143 63	2 28
1	313	480 00	1 52				
2	443	1,253 80	2 83	1	80	240 12	3 00
				1	408	780 61	1 91
11	4,059	16,272 78	4 01	28	10,741	27,417 38	2 55
1	3,0	1,009 75	2 88	1	350	670 00	1 92
1	315	630 00	2 00	1	89	133 50	1 50
25	9,785	45,886 95	4 69	55	21,896	66,918 20	3 06
13	4,256	11,915 81	2 80	21	6,420	12,519 97	1 95
1	80	224 24	2 50	1	31	62 75	2 00
2	392	1,201 26	3 06	2	775	1,550 69	2 00
6	2,216	9,372 12	4 23	9	3,276	9,271 13	2 83
1	360	900 00	2 50				
3	987	2,715 31	2 75	4	1,170	2,281 77	1 95
2	720	1,207 50	1 68	2	720	1,027 02	1 43
				16	9,434	31,981 54	3 38
2	766	2,298 72	3 00				
3	680	2,049 28	3 01				
27	10,796	43,155 60	4 00	3	52	78 30	1 51
9	3,224	13,272 95	4 12	61	734	1,503 20	2 05
				19	24,074	60,388 30	2 51
1	312	1,200 00	3 85	3	733	2,810 47	3 83
1	260	605 91	2 32				
2	1,086	2,569 29	2 36	4	1,699	3,405 17	2 00
2	75	221 76	2 96	1	3	4 50	1 50
131	42,594	167,503 65	3 93	283	123,036	303,494 06	2 47
2	730	3,198 72	4 37	2	730	1,803 96	2 47
1	308	889 61	2 89	2	523	1,062 83	2 05
2	518	1,560 00	2 50	7	1,548	4,014 00	2 35
72	244,917	\$987,533 81	\$4 03	1,714	508,812	\$1,544,749 82	\$2 72

EMPLOYEES AND SALARIES.

Name of Company.	Machinists.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....	2	383	\$1,237 13	\$3 23
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	180	63,226	178,514 74	2 82
Chicago, St. Paul, Minneapolis & Omaha.....	86	26,918	59,647 53	2 22
Chicago, Burlington & Quincy.....	22	6,886	20,913 35	3 04
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	312	1,473 90	4 72
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	57	15,702	57,531 50	3 65
Green Bay & Western.....	19	4,809	12,744 00	2 65
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....				
La Crosse and Southeastern.....				
Lake Superior Terminal & Transfer.....	1	603	2,657 18	3 83
Laona & Northern.....				
Marathon Count. R'y Co.....				
Marquette, Tomahawk & Western.....	1	325	763 66	2 35
Mineral Point & Northern.....	3	783	1,801 64	2 43
Minneapolis, St. Paul & Sault Ste. Marie.....	1	51	201 80	3 96
Northern Pacific.....				
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	408	1,263 00	2 70
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	30	76 34	1 96
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	113	33,655	93,022 98	2 85
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca & Green Bay.....				
Wisconsin Northwestern.....	1	264	535 95	2 03
Mattoon R'y Co.....	1	312	717 00	2 30
Total.....	490	154,886	\$433,205 40	\$2 82

WISCONSIN, 1908—Continued.

Carpenters.				Other Shopmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	292	\$781 42	\$2 67	2	640	\$602 49	\$1 55
1	192	528 12	2 75				
286	97,343	223,256 86	2 29	810	236,941	453,780 96	1 92
253	80,128	168,311 44	2 10	117	38,621	75,109 43	2 05
67	20,971	50,313 98	2 40	104	32,552	74,112 90	2 28
3	853	2,028 55	2 37	5	1,208	2,391 75	1 98
1	10	23 00	2 37	1	16	26 40	1 87
1	250	509 58	2 04	1	232	321 96	1 39
4	1,801	3,420 20	1 90	6	2,149	4,188 88	1 95
71	2,425	6,803 40	2 83	410	151,680	326,112 70	2 15
15	4,788	9,578 96	2 00	62	20,500	33,839 35	1 65
				2	91	205 44	2 25
8	2,126	5,402 49	2 57	4	1,069	2,498 44	2 36
				4	1,024	1,689 25	1 65
				1	312	846 20	2 87
				5	2,622	6,197 82	2 36
1	357	575 06	1 77				
19	7,876	20,141 47	2 56				
26	7,444	20,353 91	2 73	14	5,616	12,466 62	2 22
1	498	1,170 00	2 50	4	2,303	4,485 27	1 95
1	13	22 04	1 70				
130	36,686	84,316 36	2 30	367	107,667	205,527 56	1 91
1	312	655 20	2 10				
1	312	546 00	1 75	4	1,309	2,217 33	1 62
900	234,589	\$508,891 73	\$2 26	1,023	604,611	\$1,207,080 78	\$2 00

EMPLOYEES AND SALARIES.

Name of Company.	Section foremen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	2	625	\$1,200 00	\$1 92
Ahnapee & Western.....	5	1,720	2,580 00	1 50
Ashland, Odanah & Marengo.....	3	988	2,142 50	2 28
Bayfield Transfer.....	2	331	864 42	2 31
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	350	109,863	224,631 24	2 04
Chicago, St. Paul, Minneapolis & Omaha.....	141	44,133	96,786 78	2 19
Chicago, Burlington & Quincy.....	50	18,250	35,246 63	1 93
Chicago, Lake Shore & Eastern.....	1	305	720 00	1 97
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	383	680 14	1 73
Duluth, South Shore & Atlantic.....	20	7,340	13,334 05	1 82
Dunbar & Wausaukee.....	1	310	654 10	2 11
Fairchild & Northeastern.....	2	446	868 67	1 94
Great Northern.....	16	3,113	6,257 80	3 01
Green Bay & Western.....	38	13,031	20,850 00	1 60
Hawthorne, Nebagamon & Superior.....	1	46	115 57	2 50
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	12	3,907	7,111 35	1 82
Iola & Northern.....	1	280	392 10	1 40
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	7	2,400	3,600 00	1 50
La Crosse & Southeastern.....	6	2,160	3,300 00	1 52
Lake Superior Terminal & Transfer.....	2	598	1,417 42	2 37
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	5	1,188	1,932 91	1 63
Mineral Point & Northern.....	4	1,387	2,676 94	1 93
Minneapolis, St. Paul & Sault Ste. Marie.....	50	18,673	34,610 18	1 85
Northern Pacific.....	22	8,255	17,044 92	2 06
Northwestern Coal R'y Co.....	1	312	660 00	2 11
Oshkosh Transportation Co.....	1	312	780 00	2 50
Roddis Lumber & Veneer Co., Log. R'y.....	1	178	310 31	1 74
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	5	1,563	3,007 13	1 92
Superior & Southeastern.....				
Tomahawk & Eastern.....	5	620	1,050 85	1 66
Whitcomb & Morris.....	1	300	525 00	1 42
Winona Bridge R'y Co.....				
Wisconsin Central.....	126	48,230	84,600 25	1 75
Wisconsin & Michigan.....				
Wisconsin & Northern.....	3	1,065	1,980 00	1 80
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	1	210	500 29	2 38
Mattoon R'y Co.....	2	624	1,200 00	1 92
Total.....	897	293,195	\$573,000 55	\$1 96

WISCONSIN, 1908—Continued.

Other trackmen.				Switchmen, flagmen and watchmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
8	2,539	\$3,809 38	\$1 50	1	365	\$490 00	\$1 32
10	2,860	4,004 13	1 40	2	881	1,454 20	1 65
50	8,091	15,383 12	1 90	1	312	540 00	1 73
4	975	1,463 28	1 50				
1,923	540,238	846,501 26	1 57	309	159,317	380,929 92	2 39
563	152,479	321,463 20	1 78	12	3,756	6,637 94	1 77
304	123,322	155,085 98	1 28	24	8,780	21,080 80	2 48
9	2,863	4,566 95	1 59	11	4,128	12,402 55	3 01
9	876	1,406 80	1 60				
4	1,377	2,002 42	1 45				
12	3,244	5,249 08	1 62				
59	22,399	37,259 79	1 67	1	443	611 25	1 38
5	1,550	2,202 50	1 55	1	366	549 00	1 50
12	1,861	2,926 50	1 50	29	1,709	3,675 00	2 15
209	112,207	212,050 05	1 89	8	2,642	4,024 00	1 75
89	17,909	24,258 83	1 35	2	91	182 90	2 00
1	206	397 88	1 93	1	307	579 63	1 84
35	9,912	14,769 18	1 49				
18	3,080	4,082 11	1 35	1	360	540 00	1 50
15	4,080	5,519 21	1 18	2	720	1,145 29	1 59
15	3,930	6,797 05	1 73	3	2,352	4,579 21	1 95
18	2,017	2,985 91	1 48				
15	3,088	5,453 19	1 78				
195	51,033	78,052 01	1 54	2	826	1,073 02	1 30
214	48,592	83,298 46	1 71	6	2,407	4,857 95	2 02
4	974	1,838 01	1 89	2	624	1,448 11	2 32
2	617	887 50	1 44				
1	213	360 67	1 72				
24	7,223	11,775 52	1 63	1	1,095	2,192 00	2 01
18	908	1,318 02	1 45				
419	130,115	178,916 93	1 38	80	27,672	35,262 27	1 27
6	1,872	2,620 80	1 40				
4	1,135	1,876 94	1 65	1	335	520 74	1 55
10	3,120	5,150 00	1 65	1	312	680 00	2 20
4,454	1,298,215	\$2,047,273 04	\$1 58	501	219,778	\$180,062 24	\$2 21

EMPLOYES AND SALARIES.

Name of Company.	Telegraph operators and dispatchers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....	1	316	\$254 56	\$3 02
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	236	78,250	198,481 66	2 54
Chicago, St. Paul, Minneapolis & Omaha.....	138	43,194	107,073 14	2 45
Chicago, Burlington & Quincy.....	81	29,565	65,065 73	2 20
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	3,014	5,176 85	1 72
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	17	6,211	19,379 00	3 12
Green Bay & Western.....	3	1,025	2,050 00	2 00
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	2	1,361	3,225 00	2 37
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	2	480	980 00	2 00
La Crosse and Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....				
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie.....	29	11,060	27,832 65	2 51
Northern Pacific.....	9	3,793	7,044 43	2 09
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging Ry.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	105	39,500	91,330 51	2 06
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total	633	217,798	\$519,481 53	\$2 38

839

[illegible]

EMPLOYES AND SALARIES.

Distribution

Name of Company.	General administration.				Maintenance of	
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.
Abbotsford & Northeastern.....	5	180	\$1,380 00	\$7 63	10	3,164
Ahnapee & Western.....	6	940	1,700 00	1 81	15	4,580
Ashland, Odanah & Marengo.....	2	627	2,518 53	4 14	53	9,029
Bayfield Transfer.....	2	626	2,803 50	4 48	7	1,347
Big Falls R'y Co.....						
Chicago, Milwaukee & St. Paul.....						
Chicago & Northwestern.....	1	623	3,180 00	5 24	3,096	933,962
Chicago, St. P., Minn'polis & Omaha.....	5	1,773	10,467 27	5 90	842	263,546
Chicago, Burlington & Quincy.....	28	8,138	16,794 00	2 06	564	179,184
Chicago, Lake Shore & Eastern.....	43	2,36	632 77	3 17	10	3,228
Chicago, Harvard & Geneva Lake.....	2	365	942 50	2 58	10	967
Chicago & Lake Superior.....	1	313	1,200 00	3 80		
Chippewa River & Northern.....						
Chippewa Valley & Northern.....	1	100	230 00	2 50	4	1,377
Drummond & Southwestern.....	1	312	200 00	64	17	3,637
Duluth, South Shore & Atlantic.....					8	31,510
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....	5	936	1,309 00	1 39	3	4,839
Great Northern.....	44	12,002	28,220 15	2 35	394	139,024
Green Bay & Western.....	6	1,872	12,900 00	6 73	14	35,788
Hawthorne, Nebagamon & Superior.....					1	46
Hazelhurst & Southeastern.....	5	90			1	513
Hillsboro & Northeastern.....						
Illinois Central.....	1	366	800 04	2 19	62	18,441
Iola & Northern.....					1	280
J. R. Davis Lbr. Co., Logging R'y.....						
Kewaunee, Green Bay & Western.....	6	1,865	4,400 00	2 36	32	7,220
La Crosse & Southeastern.....	9	1,500	5,761 35	3 64	21	6,840
Lake Superior Term'l & Transfer.....	7	2,636	6,689 67	2 28	17	4,528
Laona & Northern.....						
Marathon County R'y Co.....						
Marinette, Tomahawk & Western.....	2	454	1,361 85	3 05	23	4,172
Mineral Point & Northern.....	8	1,485	5,110 00	3 44	22	5,207
Minn., St. Paul & Sault Ste. Marie.....	50	17,748	56,639 32	3 19	289	89,479
Northern Pacific.....	1	588	1,728 87	2 94	285	71,964
Northwestern Coal R'y Co.....	2	450	1,500 00	3 33	6	1,346
Oshkosh Transportation Co.....	2	625	999 96	1 60	4	1,115
Rodd's Lbr. & Veneer Co., Log. R'y.....					2	391
Robbins R'y Co.....						
Stanley, Merrill & Phillips.....	4	645	2,513 00	3 90	30	9,665
Superior & Southeastern.....						
Tomahawk & Eastern.....	4	69	225 36	3 26	23	1,633
Whitcomb & Morris.....	1	200	200 00	1 00	7	890
Winona Bridge R'y Co.....						
Wisconsin Central.....	89	32,969	138,616 07	4 19	790	251,200
Wisconsin & Michigan.....						
Wisconsin & Northern.....	4	292	3,372 00	11 55	9	2,967
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay.....						
Wisconsin Northwestern.....	2	624	2,400 00	3 84	11	3,313
Mattoon R'y Co.....	6	948	3,000 00	3 16	12	3,744
Total.....	353	92,900	\$319,716 11	\$3 44	6,926	2,100,466

WISCONSIN, 1908—Continued.

of foregoing.

way and structures.		Maintenance of equipment.				Conducting transportation.			
Total yearly compen- sation.	Average daily compen- sation.	No.	Number of days worked.	Total yearly compen- sation.	Average daily compen- sation.	No.	Number of days worked.	Total yearly compen- sation.	Av. dai- ly com- pensa- tion.
\$5,039 38	\$1 58					7	2,274	\$4,810 08	\$2 11
6,584 13	1 44	1	2,008	\$3,941 47	\$1 51	19	4,544	9,587 12	2 11
17,101 62	1 91	1	675	2,018 55	2 99	13	5,494	13,202 32	2 40
2,368 84	1 77	1	192	528 12	2 75	10	1,012	4,777 62	2 49
1,083,336 20	1 80	78	233,811	554,589 89	2 37	4,205	1,413,821	3,783,721 94	2 08
516,312 98	1 90	41	129,582	263,476 17	2 03	1,173	367,773	1,134,280 22	3 06
287,033 53	1 60	15	47,628	112,563 63	2 36	389	138,969	370,427 50	2 71
5,286 85	1 64	2	2,213	4,534 13	2 05	65	9,171	24,193 30	2 64
1,706 60	1 78					14	1,826	3,902 21	2 17
						4	1,252	1,800 00	1 46
2,002 42	1 45	2	50	50 09	1 93	7	1,411	4,013 52	2 84
5,929 22	1 63	3	794	2,305 44	2 90	3	1,047	2,415 56	2 31
54,023 04	1 71	6	2,149	4,188 88	1 95	108	39,160	104,039 71	2 68
8,218 76	1 70	6	1,860	2,856 60	1 53	5	1,714	4,223 05	2 46
277,002 10	1 90	489	167,885	386,286 33	2 36	10	2,511	4,466 00	1 11
54,687 79	1 53	94	29,304	53,162 01	1 81	437	109,024	330,534 45	3 03
						154	46,038	100,686 65	2 19
115 57	2 50	2	91	205 44	2 25	7	405	934 14	2 30
977 51	1 90	1	121	242 89	2 00	12	2,321	5,506 50	2 41
32,545 35	1 76	4	1,650	2,498 44	2 36	59	20,251	56,670 65	2 80
382 10	1 40					5	1,618	2,942 71	1 82
10,394 45	1 44	12	2,159	3,501 59	1 62	32	8,990	18,833 53	2 06
8,819 21	1 24					17	6,072	10,130 96	1 60
8,214 47	1 81	6	3,315	8,655 00	2 67	38	20,318	60,185 31	2 16
6,655 95	1 60	2	590	1,354 17	2 30	17	4,318	9,882 60	2 28
9,888 58	1 90	3	783	1,901 04	2 43	18	5,065	10,728 00	2 12
155,849 94	1 74	30	12,133	22,685 13	1 87	549	100,585	267,754 24	2 68
136,570 13	1 60	18	7,263	15,857 17	2 18	81	38,529	114,975 55	2 98
2,999 81	2 23	2	710	1,444 17	2 03	10	2,814	9,037 45	3 21
1,980 01	1 76								
679 98	1 74					4	1,068	2,329 36	2 12
17,367 19	1 80	6	1,995	4,067 45	2 40	14	7,770	17,608 75	2 27
2,689 51	1 39	2	104	207 80	2 00	17	493	1,449 62	2 02
1,558 50	1 75					5	623	1,350 00	2 16
427,957 82	1 70	736	214,273	440,810 35	2 03	1,530	591,747	1,452,377 01	2 45
4,600 80	1 56	1	312	655 20	2 10	15	4,745	13,627 18	2 06
5,356 21	1 62					7	1,361	4,674 28	3 61
6,350 00	1 69	2	624	1,213 03	2 02	15	3,723	13,161 00	2 72
\$3,788,907 30	\$1 78	2,798	864,377	\$1,896,953 41	\$1 80	8,883	29,166,505	\$2,973,644 17	\$2 08

EMPLOYES AND SALARIES.

Name of Company.	Distribution—Concluded.			
	Traffic expenses.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....				
Ahuapee & Western.....				
Ashland, Odanah & Marengo.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	12	4,069	\$17,532 44	\$1 31
Chicago, St. Paul, Minneapolis & Omaha	2	626	1,979 03	3 16
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Genéva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	7	1,916	4,724 35	2 47
Green Bay & Western.....				
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	6	2,193	7,290 06	3 32
Iola & Northern.....				
J. R. Davis Lumber Co. Logging R'y....				
Kewaunee, Green Bay & Western.....				
La Crosse & Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	130	553 20	4 26
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie.	5	1,614	3,618 39	2 22
Northern Pacific.....				
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Log. R'y..				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	234	1,055 00	4 51
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	52	140 55	2 70
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	88	32,214	116,715 77	3 62
Wisconsin & Michigan.....				
Wisconsin & North rn.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	123	43,078	\$153,630 39	\$3 37

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—Concluded.

Total (including general officers).				Total (excluding general officers).			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
22	5,618	\$11,199 44	\$1 99	19	5,618	\$11,199 44	\$1 99
49	12,670	21,812 72	1 72	44	11,970	20,412 72	1 71
71	15,825	36,323 02	2 23	09	15,198	33,739 49	2 15
20	4,077	10,406 08	2 57	19	8,704	8,144 68	2 17
8,105	2,586,319	6,042,460 47	2 34	8,105	2,586,319	6,042,460 47	2 34
2,436	763,300	1,826,534 67	2 52	2,433	761,205	1,914,759 90	2 51
1,131	373,919	792,812 61	2 12	1,129	373,189	790,983 62	2 11
138	14,818	34,667 15	2 34	133	14,794	34,400 99	2 33
28	3,158	6,611 31	2 09	25	2,978	6,011 31	2 02
5	1,565	3,000 00	1 91	4	1,252	1,800 00	1 43
14	2,914	6,316 08	2 19	13	2,814	6,096 01	2 17
20	5,790	10,850 22	1 87	20	5,790	10,850 22	1 87
197	72,819	169,151 63	2 24	197	72,819	169,151 63	2 24
11	3,574	7,080 55	1 98	11	3,574	7,080 55	1 93
45	8,296	13,931 85	1 68	40	7,350	12,684 85	1 72
1,358	429,851	1,026,767 80	2 39	1,353	429,951	1,026,767 80	2 39
396	113,002	221,136 45	1 93	391	111,442	209,736 45	1 88
10	542	1,255 15	2 31	10	542	1,255 15	2 31
19	3,045	6,816 90	2 30	14	2,955	6,816 90	2 30
128	42,310	99,805 14	2 36	128	42,310	99,805 14	2 36
6	1,898	3,334 81	1 70	6	1,898	3,334 81	1 76
82	20,243	37,129 57	1 83	77	18,678	33,329 57	1 79
68	14,472	24,711 52	1 77	40	13,536	20,064 45	1 51
47	31,097	83,944 45	2 70	68	30,365	83,284 45	2 74
45	9,664	19,787 77	2 05	43	9,594	19,243 87	2 01
51	12,535	27,630 71	2 20	47	11,287	22,010 71	1 95
618	219,865	502,928 63	2 29	615	219,212	488,158 58	2 23
390	119,988	272,760 11	2 27	390	119,988	272,760 11	2 27
20	5,320	14,981 43	2 81	19	5,170	14,081 43	2 72
6	1,740	2,960 57	1 70	4	1,115	1,960 61	1 76
6	1,489	3,009 36	2 02	6	1,489	3,009 36	2 02
55	20,309	43,511 39	2 14	51	19,685	40,211 39	2 04
47	2,654	4,712 84	1 78	43	2,640	4,664 06	1 74
10	1,716	3,108 50	1 81	9	1,516	2,908 50	1 92
3,272	1,122,433	2,576,507 02	2 30	3,262	1,118,927	2,507,654 68	2 24
27	8,316	22,255 98	2 67	25	8,170	19,255 93	2 35
20	5,498	11,830 49	2 15	19	5,186	10,030 49	1 93
35	9,042	20,777 00	2 29	31	8,718	19,577 00	2 24
19,001	6,071,881	\$14,118,010 34	\$2 33	18,910	6,054,006	\$13,968,597 29	\$2 31

EMPLOYEES AND SALARIES.

Paid by Roads Operating in Wisconsin, as Reported to the

Name of Company.	General officers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	3			
Annapace & Western.....	5	700	\$1,400 00	\$2 00
Ashland, Odanah & Marengo.....	2	627	2,598 53	4 14
Bayfield Transfer.....	1	313	2,353 50	5 75
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	20	7,300	182,630 10	25 02
Chicago & Northwestern.....	25	7,625	347,332 89	44 30
Chicago, St. Paul, Minneapolis & Omaha.....	31	11,315	167,228 90	14 78
Chicago, Burlington & Quincy.....	119	43,435	622,505 41	14 33
Chicago, Lake Shore & Eastern.....	5	1,565	17,340 83	11 09
Chicago, Harvard & Geneva Lake.....	1	365	1,200 00	3 28
Chicago & Lake Superior.....	1	313	1,200 00	3 80
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	1	100	250 00	2 50
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	10	2,683	27,220 00	10 15
Dunbar & Wausauke.....				
Fairchild & Northeastern.....	5	936	1,300 00	1 79
Great Northern.....	21	7,781	178,200 00	28 08
Green Bay & Western.....	5	1,600	11,400 00	7 31
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....	5	90		
Hillsboro & Northeastern.....				
Illinois Central.....	52	19,626	320,538 90	16 33
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	5	1,565	3,800 00	2 43
La Crosse & Southeastern.....	7	936	4,647 07	4 97
Lake Superior Terminal & Transfer.....	2	732	683 00	02
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	2	70	543 90	7 77
Mineral Point & Northern.....	4	1,248	5,620 00	4 50
Minneapolis, St. Paul & Sault Ste. Marie.....	14	4,880	95,610 76	19 50
Northern Pacific.....	55	19,236	370,445 87	10 23
Northwestern Coal R'y Co.....	1	150	900 00	6 00
Oshkosh Transportation Co.....	2	625	980 93	1 61
Roddis Lumber & Veneer Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	4	624	3,300 00	5 20
Superior & Southeastern.....				
Tomahawk & Eastern.....	4	14	108 78	7 77
Whitcomb & Morris.....	1	290	200 00	1 00
Winona Bridge R'y Co.....				
Wisconsin Central.....	11	4,127	81,040 91	19 64
Wisconsin & Michigan.....	4	1,656	6,420 00	3 87
Wisconsin & Northern.....	2	146	3,000 00	20 51
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	1	312	1,800 00	5 77
Mattoon R'y Co.....	4	324	1,200 00	3 85
Total.....	435	143,519	\$2,405,044 31	\$11 20

WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Other officers.				General office clerks.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
2	180	\$1,380 00	\$7 63	1	300	\$600 00	\$2 00
1	240	300 00	1 25	1	313	450 00	1 44
88	32,170	410,890 10	12 79	888	271,068	575,301 25	2 12
53	10,581	189,202 44	11 41	974	318,321	720,154 15	2 58
9	3,233	18,717 46	5 78	250	91,250	190,791 93	2 09
				2,505	735,430	1,895,341 13	2 41
				89	30,822	49,315 23	1 17
				1	385	685 00	1 87
				1	312	200 00	64
10	2,986	23,800 00	7 97	73	26,405	55,310 43	2 09
68	22,222	240,734 00	10 83	945	389,314	887,310 31	2 30
1	312	1,300 00	3 85	13	3,016	6,986 00	2 30
100	30,252	234,001 80	6 47	1,575	566,318	1,282,501 00	2 12
1	300	600 00	2 00	4	1,028	1,800 00	1 75
2	732	2,300 00	3 14	2	624	1,114 58	1 79
1	261	1,303 75	5 22	3	1,472	3,729 67	2 52
21	8,054	67,977 64	8 44	3	645	1,328 71	2 00
63	21,080	222,581 20	10 56	4	624	1,500 00	2 55
1	60	300 00	5 00	277	102,468	204,414 25	1 99
2	569	1,899 62	3 34	1,163	425,435	962,670 00	2 33
1	104	436 25	4 19	1	300	600 00	2 00
31	11,893	91,739 34	7 71	1	312	1,200 00	3 85
3	1,188	3,135 00	2 64	3	159	267 82	1 68
				1	314	300 00	96
				164	61,270	129,703 36	2 12
				8	3,108	6,261 54	2 08
				2	146	372 00	51
				1	312	600 00	1 92
				2	624	1,800 00	2 88
455	158,375	\$1,513,278 00	\$9 55	8,933	3,111,203	\$3,998,736 75	\$2 25

EMPLOYES AND SALARIES.

Name of Company.	Station agents.			
	No.	Number of days worked	Total yearly compensation.	Average daily compensation.
Abbotsford & Northwestern.....	1	313	\$705 00	\$2 44
Ahnapee & Western.....	5	1,505	2,781 00	1 85
Ashland, Odanah & Marengo.....	1	290	557 00	1 93
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	1,286	402,518	747,512 13	1 84
Chicago & Northwestern.....	1,050	334,284	837,000 90	2 50
Chicago, St. Paul, Minneapolis & Omaha	215	67,295	174,121 12	2 59
Chicago, Burlington & Quincy.....	1,192	435,080	930,806 85	2 14
Chicago, Lake Shore & Eastern.....	11	4,088	10,520 41	2 57
Chicago, Harvard & Geneva Lake.....	1	117	202 50	1 73
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	51	17,404	30,842 90	2 29
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	3	836	1,131 98	1 21
Great Northern.....	696	180,485	426,178 05	2 38
Green Bay & Western.....	29	8,750	16,188 00	1 35
Hawthorne, Nebagamon & Superior.....	1	57	114 42	2 00
Hazelhurst & Southeastern.....	2	300	602 50	2 00
Hillsboro & Northeastern.....				
Illinois Central.....	882	334,486	653,110 79	1 95
Iola & Northern.....	1	312	420 00	1 35
J. R. Davis Lumber Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	4	1,135	2,100 00	1 85
La Crosse and Southeastern.....	6	2,180	2,333 84	1 08
Lake Superior Terminal & Transfer.....	1	386	1,320 00	3 61
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	261	565 00	2 13
Mineral Point & Northern.....	3	1,098	2,038 43	1 81
Minneapolis, St. Paul & Sault Ste. Marie	222	83,430	172,571 74	2 07
Northern Pacific.....	532	205,519	497,388 53	2 42
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging R'y				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	312	840 00	2 69
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	104	105 00	1 59
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	139	52,904	123,424 24	2 33
Wisconsin & Michigan.....	14	5,208	7,403 16	1 42
Wisconsin & Northern.....	4	1,499	3,480 00	2 33
Wisconsin, Ruby & Southern.....				
Waupaca & Green Bay.....				
Wisconsin & Northwestern.....				
Mattoon R'y Co.....	1	312	1,040 00	3 33
Total.....	6,356	2,142,467	\$4,649,499 07	\$2.17

WHOLE LINE, 1908—Continued.

Other station men.				Enginemen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	313	\$645 23	\$ 1 74	1	319	\$1,042 25	\$3 27
5	840	1,280 00	1 50	2	480	1,678 01	3 65
2	265	572 29	2 16	3	1,028	3,557 52	3 46
3,856	1,207,554	1,998,012 62	1 65	2	443	1,275 90	2 88
3,443	1,143,389	2,195,928 40	1 92	1,057	554,459	2,324,789 48	4 19
577	180,601	375,891 36	2 08	1,591	572,477	2,537,097 12	4 43
3,321	1,039,473	2,066,519 65	1 99	308	90,404	472,191 43	4 90
52	18,566	32,721 68	1 76	1,529	569,085	2,333,123 83	4 16
1	365	1,200 00	3 28	144	51,836	209,254 40	4 03
1	313	120 00	50	1	365	916 06	2 51
125	40,983	73,795 41	1 81	1	313	720 00	2 04
1	314	780 00	2 50	2	473	1,536 19	3 25
2,031	409,108	752,250 40	1 84	1	318	995 26	3 13
20	5,026	8,438 52	1 50	82	30,118	125,849 57	4 18
3,512	1,333,260	2,346,933 20	1 78	1	350	1,064 20	3 04
1	312	31 20	10	2	401	1,213 63	3 03
8	2,069	3,104 25	1 50	1,015	297,673	1,339,071 65	4 49
5	2,185	4,500 00	2 05	16	5,142	19,795 27	3 85
1	261	416 25	1 50	1	109	274 58	2 50
3	897	329 62	37	2	427	1,281 00	3 00
303	110,087	177,553 48	1 61	912	413,181	1,941,437 81	4 70
2,107	822,601	1,733,440 10	2 11	1	319	1,030 21	3 26
1	280	580 62	2 07	3	845	3,251 13	3 85
1	365	686 47	1 90	2	720	2,081 11	2 89
1	227	487 68	2 15	5	2,980	11,173 83	3 75
1	104	123 75	1 19	2	828	2,409 91	2 96
474	186,109	309,192 45	1 96	3	908	1,979 70	2 96
2	900	450 00	50	185	74,891	331,502 80	4 43
1	365	540 00	1 50	725	335,283	1,899,371 34	5 65
19,859	6,507,738	12,145,446 59	\$1 87	2	592	2,357 04	3 98
				1	280	650 93	2 32
				2	1,194	8,573 55	2 99
				2	81	244 22	3 01
				1	313	780 00	2 49
				206	73,472	307,045 98	4 16
				5	1,974	7,290 06	3 68
				2	730	2,743 80	3 78
				2	369	1,102 80	2 96
				2	518	1,534 00	3 00
				8,424	3,081,543	13,880,153 23	\$1 71

EMPLOYEES AND SALARIES.

Name of Company.	Firemen.			
	No.	Number of days worked,	Total yearly compensation.	Average daily compensation,
Abbotsford & Northeastern.....	1	321	\$616 71	\$1 92
Albion & Western.....	2	400	989 05	2 15
Ashland, Odanah & Marengo.....	2	9 5	1,829 36	2 13
Bayfield Transfer.....	2	404	907 96	2 25
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	1,583	517,770	1,393,784 73	2 60
Chicago & Northwestern.....	1,845	603,500	1,750,814 49	2 64
Chicago, St. Paul, Minneapolis & Omaha	307	96,091	294,681 18	3 07
Chicago, Burlington & Quincy.....	1,487	542,755	1,416,986 88	2 61
Chicago, Lake Shore & Eastern.....	141	50,659	124,851 26	2 46
Chicago, Harvard & Geneva Lake.....	1	455	747 45	1 64
Chicago & Lake Superior.....	1	313	480 00	1 52
Chippewa River & Northern.....	2	415	983 41	2 37
Chippewa Valley & Northern.....	1	321	639 69	1 99
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	84	30,221	77,103 57	2 55
Dunbar & Wausaukee.....	1	350	700 00	2 00
Fairchild & Northeastern.....	2	404	808 00	2 00
Great Northern.....	1,163	301,618	877,967 27	2 91
Green Bay & Western.....	18	5,174	11,641 02	2 25
Hawthorne, Nebazamon & Superior....	1	37	75 25	2 00
Hazelhurst & Southeastern.....	2	427	961 05	2 25
Hillsboro & Northeastern.....				
Illinois Central.....	930	413,655	1,198,116 24	2 89
Iola & Northern.....	1	315	552 30	1 75
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	3	925	2,081 07	2 25
La Crosse & Southeastern.....	2	720	1,440 00	2 00
Lake Superior Terminal & Transfer...	5	2,991	6,730 68	2 25
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....	3	801	1,591 20	1 99
Mineral Point & Northern.....	3	671	1,327 86	1 96
Minneapolis, St. Paul & Sault Ste. Marie	185	74,891	209,260 65	2 79
Northern Pacific.....	725	335,288	1,210,516 09	3 61
Northwestern Coal R'y Co.....	1	273	729 69	2 67
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Log. R'y	1	193	376 07	1 94
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	2	1,166	2,352 50	2 02
Superior & Southeastern.....				
Tomahawk & Eastern.....	3	77	155 12	2 01
Whiteomb & Morris.....	1	313	570 00	1 82
Winona Bridge R'y Co.....				
Wisconsin Central.....	220	72,763	190,183 56	2 61
Wisconsin & Michigan.....	5	1,974	4,532 22	2 30
Wisconsin & Northern.....	2	730	1,861 50	2 55
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	2	361	724 00	2 01
Mattoon R'y Co.....	2	518	1,310 00	2 10
Total.....	8,745	3,121,292	\$8,790,109 28	\$2 82

WHOLE LINE, 1938—Continued.

Conductors.				Other trainmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	321	\$741 84	\$2 31	1	322	\$619 03	\$1 92
2	459	1,261 71	2 75	2	520	1,014 35	1 95
2	882	2,159 42	2 45	2	1,192	2,589 66	2 17
2	418	1,289 64	3 08	1	71	191 83	2 69
1,101	344,613	1,333,818 12	3 89	2,254	705,502	1,586,414 78	2 25
1,128	396,884	1,609,334 73	4 05	3,177	979,690	2,783,024 81	2 84
1,188	58,844	285,843 78	4 86	653	204,389	618,718 62	3 17
1,087	365,756	1,485,504 34	3 75	1,970	719,650	1,713,983 20	2 38
30	10,856	42,964 78	3 95	63	22,607	62,797 52	2 77
6	1,232	2,810 55	2 28	4	1,000	2,287 25	2 28
1	313	480 00	1 52				
2	443	1,253 80	2 83	1	80	240 12	3 00
				1	408	780 61	1 91
68	24,723	99,135 26	4 01	176	65,362	166,836 07	2 55
1	350	1,009 75	2 88	1	350	670 00	1 92
1	315	630 00	2 00	1	89	133 50	1 50
1,064	278,369	1,130,137 91	4 06	2,836	589,795	1,503,774 48	2 55
13	4,256	11,915 81	2 80	21	6,420	12,519 97	1 95
1	80	224 24	2 50	1	31	62 75	2 00
2	392	1,201 26	3 08	2	775	1,550 69	2 00
651	277,025	1,131,682 91	4 09	2,341	1,000,542	2,752,229 87	2 75
1	360	900 00	2 50				
3	987	2,715 31	2 75	4	1,170	2,281 77	1 95
2	720	1,207 50	1 68	4	720	1,027 02	1 43
				16	9,434	31,881 54	3 38
2	768	2,298 72	3 00				
3	680	2,049 28	3 01	3	52	78 30	1 51
139	59,439	242,518 74	4 08	410	734	1,503 20	2 05
656	272,114	1,113,609 82	4 09	1,969	164,752	400,964 13	2 43
1	312	1,200 00	3 85		856,915	2,461,000 27	2 87
1	280	605 91	2 32	3	733	2,810 47	3 83
2	1,066	2,559 29	2 36				
2	75	221 76	2 96	4	1,689	3,405 17	2 00
154	50,134	197,155 91	3 93	1	3	4 50	1 50
5	1,830	6,125 48	3 35	340	144,815	357,220 00	2 47
2	730	2,198 72	4 37	10	3,660	7,459 14	2 04
				2	730	1,803 96	2 47
1	308	889 61	2 89	2	523	1,082 83	2 05
2	518	1,560 00	2 50	7	1,548	4,014 00	2 35
6,329	2,186,843	\$8,725,215 88	\$3 99	16,301	5,485,683	\$14,518,958 41	\$2 64

EMPLOYES AND SALARIES.

Name of Company.	Machinists,			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo	2	383	\$1,237 13	\$3 23
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	848	236,585	865,268 05	3 66
Chicago & Northwestern	1,000	351,490	917,384 06	2 61
Chicago, St. Paul, Minneapolis & Omaha	555	173,715	412,133 81	2 37
Chicago, Burlington & Quincy	794	248,522	791,900 65	3 19
Chicago, Lake Shore & Eastern	56	17,337	46,414 12	2 66
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern	1	312	1,473 90	4 72
Duluth, South Shore & Atlantic	19	7,004	23,017 51	3 29
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern	577	150,280	557,403 35	3 71
Green Bay & Western	19	4,809	12,744 60	2 65
Hawthorne, Nebagamon & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central	1,347	370,191	1,175,954 85	3 18
Iola & Northern				
J. R. Davis Lumber Co., Logging Ry.				
Kewaunee, Green Bay & Western				
La Crosse & Southeastern				
Lake Superior Terminal & Transfer	1	693	2,657 18	3 83
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western	1	325	763 06	2 35
Mineral Point & Northern	3	783	1,904 04	2 43
Minneapolis, St. Paul & Sault Ste. Marie	194	68,722	211,441 75	3 08
Northern Pacific	907	326,218	1,036,091 78	3 18
Northwestern Coal Ry. Co.				
Oshkosh Transportation Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	1	468	1,253 60	2 70
Superior & Southeastern				
Tomahawk & Eastern	1	39	7,634	1 96
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	132	39,615	113,021 34	2 85
Wisconsin & Michigan	3	1,176	3,284 28	2 79
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca & Green Bay				
Wisconsin Northwestern	1	204	535 05	2 03
Mattoon Ry. Co.	1	312	717 00	2 30
Total	6,433	1,999,232	\$6,176,828 06	\$3 09

WHOLE LINE, 1908—Continued.

Carpenters.				Other shopmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
1	292	\$781 42	\$2 67	2	640	\$992 40	\$1 55
1	192	528 12	2 75				
1,171	315,114	690,530 42	2 19	6,361	1,732,462	3,469,868 75	2 00
1,685	563,400	1,174,705 29	2 09	4,026	1,585,658	2,817,742 17	1 78
504	157,752	349,838 99	2 22	296	92,648	190,925 39	2 16
2,288	716,144	1,861,771 37	2 64	5,696	1,782,848	4,200,525 71	2 36
21	6,622	15,801 16	2 38	317	106,724	230,509 31	2 12
1	10	23 69	2 37	1	16	26 40	1 67
1	250	509 58	2 37	1	232	321 96	1 39
25	9,261	22,374 12	2 42	297	109,393	210,610 05	1 93
852	126,832	349,033 55	2 75	4,830	1,461,712	3,189,544 49	2 18
15	4,788	9,578 96	2 00	62	20,509	33,839 35	1 65
				2	91	205 44	2 25
1,804	692,207	1,721,549 47	2 49	2,951	1,063,122	2,392,001 81	2 21
				4	1,024	1,680 25	1 65
				1	312	895 20	2 87
				5	2,622	6,197 82	2 36
1	337	586 06	1 77				
292	123,513	303,125 68	2 45	205	86,393	231,318 07	2 68
1,480	507,450	1,343,832 68	2 65	2,766	982,900	2,404,751 57	2 45
1	468	1,170 00	2 50	4	2,303	4,485 27	1 95
1	13	22 04	1 70				
159	43,159	99,242 36	2 30	435	126,721	241,910 97	1 91
7	2,724	5,977 92	2 19	18	6,630	12,177 42	1 84
1	312	655 20	2 10				
				4	1,369	2,217 33	1 62
1	312	546 00	1 75				
10,312	3,271,152	\$7,952,198 08	\$2 43	28,890	9,188,329	\$19,651,757 22	\$2 14

EMPLOYES AND SALARIES.

Name of Company.	Section foremen.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	2	625	\$1,200 00	\$1 92
Almalee & Western.....	5	1,720	2,580 00	1 50
Ashtabula, Odessa & Marengo.....	3	938	2,142 50	2 28
Barfield Transfer.....	2	331	884 42	2 31
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul.....	1,120	353,377	582,093 12	1 65
Chicago & Northwestern.....	1,268	422,550	852,216 90	2 02
Chicago, St. Paul, Minneapolis & Omaha.....	306	95,778	205,388 28	2 14
Chicago, Burlington & Quincy.....	1,781	650,033	1,281,902 98	1 94
Chicago, Lake Shore & Eastern.....	43	15,353	33,121 79	2 15
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	1	303	680 14	1 73
Duluth, South Shore & Atlantic.....	110	43,314	80,133 85	1 85
Dunbar & Wausaukee.....	1	310	654 10	2 11
Fairchild & Northeastern.....	2	446	896 67	1 84
Great Northern.....	1,277	203,281	579,546 90	1 88
Green Bay & Western.....	38	13,031	20,850 00	1 60
Hawthorne, Nebagamon & Superior.....	1	46	115 57	2 50
Hazlet & Southeastern.....				
Illiniboro & Northeastern.....				
Illinois Central.....	878	315,815	588,021 67	1 88
Iola & Northern.....	1	290	392 10	1 40
J. R. Davis Lumber Co., Logging Ry.....				
Kewaunee, Green Bay & Western.....	7	2,400	3,600 00	1 50
La Crosse & Southeastern.....	6	2,160	3,300 00	1 52
Lake Superior Terminal & Transfer.....	2	508	1,417 42	2 37
Laona & Northern.....				
Marathon County Ry. Co.....				
Marquette, Tomahawk & Western.....	5	1,188	1,932 81	1 63
Mineral Point & Northern.....	4	1,387	2,676 94	1 85
Minneapolis, St. Paul & Sault Ste. Marie.....	288	107,220	200,459 87	1 87
Northern Pacific.....	989	351,749	751,123 34	2 14
Northwestern Coal Ry. Co.....	1	312	680 00	2 11
Oshkosh Transportation Co.....	1	312	780 00	2 50
Roddis Lumber & Veneer Co., L. Ry.....	1	178	310 31	1 74
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	5	1,563	3,007 13	1 92
Superior & Southeastern.....				
Tomahawk & Eastern.....	5	620	1,030 85	1 66
Whitcomb & Morris.....	1	303	625 00	1 42
Winona Bridge Ry. Co.....				
Wisconsin Central.....	150	56,709	99,576 48	1 75
Wisconsin & Michigan.....	15	5,322	8,647 50	1 62
Wisconsin & Northern.....	3	1,095	1,980 00	1 60
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....	1	210	500 29	2 36
Mattoon Ry. Co.....	2	624	1,200 00	1 92
Total.....	8,443	2,741,660	\$5,295,442 03	\$1 98

WHOLE LINE, 1908—Continued.

Other trackmen.				Switchmen, flagmen and watchmen.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
8	2,539	\$3,809 33	\$1 50	1	365	\$490 00	\$1 32
10	2,800	4,004 13	1 40	2	881	1,454 20	1 65
50	8,091	15,300 12	1 90	1	312	540 00	1 73
4	975	1,463 28	1 50				
5,503	1,750,000	2,448,712 33	1 40	2,249	705,087	1,702,947 66	2 41
7,299	2,031,003	3,151,108 20	1 55	1,231	529,283	1,226,520 04	2 32
1,041	325,833	506,887 32	1 74	50	15,650	27,615 04	1 76
13,416	4,199,208	5,511,140 58	1 31	1,326	483,900	1,259,247 24	2 60
555	173,109	272,347 78	1 57	337	130,299	429,509 30	3 07
9	1,752	2,813 21	1 60				
4	1,377	2,002 42	1 45				
12	3,244	5,249 08	1 62				
37	140,302	239,492 35	1 71	32	11,006	16,602 07	1 39
5	1,550	2,202 50	1 55	1	308	549 00	1 50
12	1,051	2,926 50	1 50	224	64,511	121,806 30	1 89
18,687	3,678,944	6,566,888 25	1 79	8	2,612	4,624 00	1 75
81	17,980	24,258 83	1 35	2	91	182 90	2 00
1	206	397 88	1 93	2	307	579 63	1 88
4,95	1,830,327	2,580,505 31	1 38	603	236,169	359,042 91	1 52
1	3,680	4,982 11	1 35	1	360	540 00	1 50
1	4,680	5,519 21	1 18	2	720	1,145 29	1 59
1	3,930	6,797 05	1 73	6	2,352	4,579 21	1 65
1	2,017	2,985 91	1 48				
1	3,068	5,453 19	1 78				
1,26	330,683	530,721 21	1 60	41	16,420	27,163 25	1 65
9,684	2,300,679	3,916,442 60	1 64	305	109,192	196,562 14	1 80
	974	1,836 01	1 80	2	624	1,448 11	2 32
	617	887 56	1 44				
	213	369 67	1 72				
2	7,223	11,775 52	1 63	1	1,065	2,192 06	2 01
1	908	1,318 02	1 45				
50	153,149	210,624 66	1 38	95	32,570	41,504 71	1 27
1	6,384	8,601 66	1 35	4	1,452	1,708 44	1 22
1	1,872	2,620 80	1 40				
1	1,135	1,876 94	1 65	1	335	520 74	1 55
1	3,120	5,150 00	1 65	1	312	636 00	2 20
63,90	17,087,144	\$20,080,689 56	\$1 53	6,578	2,357,141	\$5,429,870 24	\$2 30

EMPLOYES AND SALARIES.

Name of Company.	Telegraph operators and dispatchers.			
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
Abbotsford & Northeastern.....	1	316	\$654 56	\$3 02
Ahnapee & Western.....				
Ashland, Odanah & Marengo.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....	709	221,917	518,414 99	2 34
Chicago & Northwestern.....	714	235,063	635,867 22	2 71
Chicago, St. Paul, Minneapolis & Omaha	261	81,693	209,648 85	2 57
Chicago, Burlington & Quincy ..	1,471	527,915	1,257,372 26	2 39
Chicago, Lake Shore & Eastern.....	12	4,290	8,424 01	1 96
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	62	21,645	44,936 52	2 06
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	615	189,295	500,517 20	2 64
Green Bay & Western.....	3	1,025	2,050 00	2 00
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	649	284,069	659,233 09	2 52
Iola & Northern.....				
J. R. Davis Lumber Co., Logging R'y....				
Kewaunee, Green Bay & Western.....	2	480	960 00	2 00
La Crosse & Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....				
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie	117	48,126	116,253 47	2 42
Northern Pacific.....	838	342,169	892,362 70	2 61
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Roddis Lumber & Veneer Co., Logging R'y				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....				
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	124	45,503	95,728 03	2 66
Wisconsin & Michigan.....	3	1,296	2,800 48	2 16
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	5,581	2,005,832	\$4,945,523 95	\$2 46

WHOLE LINE, 1906—Continued.

Employees—account floating equipment.				All other employees and laborers.			
No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.
				7	1,966	\$2,948 98	\$1 50
				1	40	61 14	1 50
	313	\$1,160 33	\$3 71	9,945	3,387,841	7,469,109 13	2 20
				5,126	1,347,465	2,960,676 05	2 20
				810	253,530	571,478 48	2 25
				4,168	1,299,388	3,267,195 19	2 51
				145	49,987	106,882 86	2 14
				1	300	380 00	1 20
				190	67,790	149,496 02	2 21
				16	2,442	4,425 59	1 82
				2,679	745,275	1,650,040 95	2 21
				26	7,973	13,156 12	1 65
				1	121	242 89	2 09
12	5,233	10,675 23	2 02	4,862	1,807,075	3,447,916 39	1 91
				15	2,265	3,624 68	1 60
				5	1,852	2,896 40	1 55
				3	677	1,158 45	1 71
				1,017	350,696	717,771 68	2 05
31	11,476	30,181 98	2 63	2,929	1,206,110	2,431,033 85	2 01
				2	710	1,557 29	2 19
				1	186	203 05	1 57
				5	353	536 30	1 53
				6	590	1,033 50	1 77
				6	1,833	2,935 80	1 60
				541	165,160	284,207 59	1 72
				12	4,506	8,509 80	1 73
43	17,172	\$42,017 54	\$2 46	2,519	10,708,221	\$23,090,530 45	\$2 16

EMPLOYES AND SALARIES.

Distribution of

Name of Company.	General administration.				Maintenance of	
	No.	Number of days worked.	Total yearly compensation.	Average daily compensation.	No.	Number of days worked.
Abbotsford & Northeastern.....	5	180	\$1,380 00	\$7 66	10	3,164
Ahnapee & Western.....	6	940	1,700 00	1 81	15	4,530
Ashland, Odanah & Marengo.....	2	627	2,588 53	4 14	53	9,029
Bayfield Transfer.....	2	628	2,803 50	4 48	7	1,347
Big Falls R'y Co.....						
Chicago, Milwaukee & St. Paul ¹ ...						
Chicago & Northwestern.....	911	298,602	950,348 95	3 18	14,031	3,827,677
Chicago, St. P., Minn. & Omaha.....	212	76,132	244,690 67	3 21	1,625	608,685
Chicago, Burlington & Quincy.....	3,215	1,008,568	2,437,078 76	2 42	18,673	5,986,670
Chicago, Lake Shore & Eastern.....	44	13,772	45,584 51	3 31	670	212,519
Chicago, Harvard & Geneva Lake.....	2	730	1,885 00	2 58	10	1,925
Chicago & Lake Superior.....	1	313	1,200 00	3 80		
Chippewa River & Northern.....						
Chippewa Valley & Northern.....	1	100	250 00	2 50	4	1,377
Drummond & Southwestern.....	1	312	200 00	64	13	3,637
Duruth, South Shore & Atlantic....	93	32,074	108,330 43	3 32	516	190,240
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....	5	938	1,309 00	1 39	30	4,839
Great Northern.....	1,050	352,153	864,045 40	2 45	22,167	4,501,317
Green Bay & Western.....	6	1,872	12,600 00	6 73	142	35,788
Hawthorne, Nebagamon & Sup'r....					1	46
Hazelhurst & Southeastern.....	5	90			1	513
Hillsboro & Northeastern.....						
Illinois Central.....	712	285,273	763,771 08	2 68	7,334	2,904,601
Iola & Northern.....					1	280
J. R. Davis Lumber Co., Logging R'y						
Kewaunee, Green Bay & Western...	6	1,865	4,400 00	2 36	32	7,220
La Crosse & Southeastern.....	9	1,560	5,761 35	3 64	21	6,840
Lake Sup'r Terminal & Transfer...	7	2,936	6,689 67	2 28	17	4,528
Laona & Northern.....						
Marathon County R'y Co.....						
Marinette, Tomahawk & Western...	2	454	1,361 85	3 05	23	4,172
Mineral Point & Northern.....	8	1,485	5,110 00	3 44	22	5,207
Minn., St. Paul & Sault Ste. Marie..	312	115,400	368,002 75	3 19	1,915	591,089
Northern Pacific.....	1,221	431,537	1,253,103 08	2 90	13,788	3,707,477
Northwestern Coal R'y Co.....	2	450	1,500 00	3 33	6	1,346
Oshkosh Transportation Co.....	2	625	969 96	1 60	4	1,115
Rodd's Lbr. & Veneer Co., Log. R'y					2	391
Robbins R'y Co.....						
Stanley, Merrill & Phillips.....	4	645	2,513 00	3 90	30	9,685
Superior & Southeastern.....						
Tomahawk & Eastern.....	5	69	225 36	3 26	23	1,933
Whitcomb & Morris.....	1	200	200 00	1 00	7	890
Winona Bridge R'y Co.....	1	314	300 00	96	6	1,833
Wisconsin Central.....	10	38,917	163,251 47	4 19	937	295,683
Wisconsin & Michigan.....	13	5,310	12,261 54	2 31	33	11,706
Wisconsin & Northern.....	4	292	3,372 00	11 55	9	2,167
Wisconsin, Ruby & Southern.....						
Waupaca-Green Bay.....						
Wisconsin Northwestern.....	2	621	2,400 00	3 84	11	3,313
Mattoon R'y Co.....	6	948	3,000 00	3 16	12	3,744
Total.....	7,984	2,676,931	\$7,272,228 46	\$2 72	82,201	22,809,308

¹ Not reported.

WHOLE LINE, 1908—Continued.

the foregoing.

way and structures.		Maintenance of equipment.				Conducting transportation.			
Total yearly com- pensation.	Average daily compensation.	No.	Number of days worked.	Total yearly com- pensation.	Average daily compensation.	No.	Number of days worked.	Total yearly com- pensation.	Avg daily compensation.
\$5,009 38	\$1 58					7	2,274	\$4,810 06	\$2 11
6,584 13	1 44	9	2,606	\$3,941 47	\$1 51	19	4,544	9,587 12	2 11
17,508 62	1 94	3	675	2,018 55	2 99	13	5,494	13,202 32	2 40
2,388 94	1 77	1	192	528 12	2 75	10	1,912	4,777 62	2 49
6,912,132 02	1 81	4,172	1,401,614	3,098,161 24	2 21	18,880	5,866,559	15,291,225 76	2 61
1,001,841 78	1 97	1,302	407,526	905,742 65	2 22	3,113	978,893	2,873,900 61	2 93
9,384,907 27	1 63	7,248	2,267,703	5,831,019 20	2 48	14,477	5,046,089	13,384,862 75	2 65
332,493 70	1 71	427	144,437	311,158 75	2 15	959	338,367	992,275 85	2 93
3,413 20	1 76					14	3,651	7,924 42	2 17
2,002 42	1 45	2	26	50 09	1 93	4	1,252	1,800 00	1 46
5,929 22	1 63	3	794	2,305 44	2 90	7	1,411	4,013 52	2 84
335,860 55	1 77	323	119,034	239,767 33	2 01	3	1,047	2,415 56	2 31
8,218 76	1 70	6	1,800	2,856 00	1 53	870	310,152	793,597 39	2 56
8,525,263 05	1 89	5,497	1,641,018	3,876,269 70	2 36	5	1,714	4,223 85	2 46
54,687 79	1 53	94	29,304	53,162 01	1 81	10	2,511	4,403 09	1 11
115 57	2 70	2	91	205 44	2 25	154	2,578,080	7,249,478 46	2 81
977 51	2 00	1	121	242 89	2 00	7	405	834 14	2 30
4,912,942 36	1 68	5,937	2,008,085	4,919,679 12	2 45	12	2,321	5,596 50	2 41
362 10	1 40					11,476	5,643,851	13,517,025 51	2 40
10,394 45	1 44	12	2,159	3,501 59	1 02	5	1,618	2,942 71	1 82
8,819 21	1 24					32	8,989	18,833 53	2 09
8,214 47	1 81	6	3,315	8,835 00	2 67	17	6,072	10,130 96	1 60
6,655 95	1 60	2	580	1,354 17	2 30	38	20,318	60,185 31	2 96
9,888 58	1 90	3	753	1,604 04	2 43				
1,089,927 40	1 84	1,060	427,510	985,835 48	2 31	17	4,318	9,802 60	2 28
7,075,200 56	1 91	5,026	1,881,252	4,617,377 72	2 45	18	5,000	10,725 09	2 12
2,899 81	2 23	2	710	1,444 17	2 03	1,854	680,661	1,796,870 03	2 04
1,800 61	1 76					7,856	3,383,879	10,120,957 42	2 99
679 96	1 74					10	2,814	9,037 45	3 21
17,907 19	1 80	6	1,995	4,957 45	2 49	4	1,088	2,320 38	2 12
2,698 51	1 39	2	104	207 80	2 00	14	7,770	17,608 75	2 27
1,558 50	1 75								
2,635 89	1 90					17	4,940	1,449 62	2 92
508,725 52	1 70	873	252,141	518,815 52	2 08	2	626	1,350 00	2 16
17,249 18	1 47	29	12,186	22,744 62	1 87	1,859	683,479	1,709,442 57	2 45
4,600 80	1 56	1	312	655 20	2 10	61	21,876	48,504 78	2 54
5,356 21	1 62					13	4,745	13,627 98	2 66
6,350 00	1 66	2	624	1,263 00	2 02	7	1,561	4,074 28	3 61
\$50,597,242 07	\$2 22	32,051	10,608,777	\$25,216,034 28	\$2 38	15	3,726	10,164 00	2 72
						73,371	25,688,694	\$68,117,084 44	\$2 65

EMPLOYES AND SALARIES.

NAME OF COMPANY.	DISTRIBUTION—CONTINUED.			
	Traffic Expenses.			
	No.	Number of days worked.	Total yearly compensation.	Ave. daily compensation.
Abbotsford & Northeastern.....				
Ahnapee & Western.....				
Ashland, Odanah & Marenco.....				
Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern.....	324	105,794	\$482,401 22	\$4 37
Chicago, St. P., Minneapolis & Omaha.....	100	31,612	120,108 75	3 98
Chicago, Burlington & Quincy.....	537	169,303	744,967 29	4 40
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....				
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....	35	112,747	334,498 35	2 97
Green Bay & Western.....				
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....				
Hillsboro & Northeastern.....				
Illinois Central.....	55	206,906	610,785 28	2 95
Iola & Northern.....				
J. R. Davis Lumber Co. Logging R'y.....				
Kewaunee, Green Bay & Western.....				
La Crosse & Southeastern.....				
Lake Superior Terminal and Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	1	130	553 20	4 26
Mineral Point & Northern.....				
Minneapolis, St. Paul & Sault Ste. Marie.....				
Northern Pacific.....	321	119,274	480,747 77	3 61
Northwestern Coal R'y Co.....				
Oshkosh Transportation Co.....				
Rodd's Lumber & V. Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	1	234	1,055 00	4 51
Superior & Southeastern.....				
Tomahawk & Eastern.....	1	52	140 55	2 70
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	104	37,908	137,376 78	3 62
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupesa -Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	2,290	783,860	\$2,848,634 19	\$3 63

REPORT OF THE RAILROAD COMMISSION.

859

WHOLE LINE, 1908.—Concluded.

TOTAL, INCLUDING GENERAL OFFICERS.				TOTAL, EXCLUDING GENERAL OFFICERS.			
Num- ber.	Number of days worked.	Total yearly compensa- tion.	Average daily com- pensation.	Num- ber.	Number of days worked.	Total yearly compensa- tion.	Average daily com- pensation.
22	5,618	\$11,199 44	\$1 97	19	5,618	\$11,199 44	\$1 99
49	12,670	21,812 72	1 7	44	11,970	20,412 72	1 71
71	15,825	35,338 02	2 2	69	15,108	32,729 49	2 15
20	4,077	10,498 06	2 5	19	3,704	8,144 56	2 17
40,721	12,740,736	28,298,070 76	2 22	40,701	12,730,436	28,113,410 06	2 21
36,518	11,500,246	26,714,209 19	2 37	36,293	11,492,421	26,360,896 30	2 29
6,352	2,002,788	5,152,284 46	2 57	6,321	1,991,473	4,965,055 56	2 50
44,150	14,428,343	31,904,855 27	2 21	44,031	14,384,008	31,242,449 84	2 17
2,080	709,095	1,711,512 91	2 38	2,075	707,530	1,694,163 05	2 36
28	6,316	13,222 62	2 09	25	5,951	12,022 62	2 02
5	1,505	3,000 00	1 91	4	1,252	1,800 00	1 43
14	2,914	6,316 03	2 19	13	2,814	6,066 03	2 17
20	5,790	10,850 22	1 87	20	5,790	10,850 22	1 87
1,602	651,500	1,475,555 70	2 26	1,792	648,817	1,448,335 70	2 23
11	3,574	7,080 55	1 98	11	3,574	7,080 55	1 98
45	8,283	13,993 85	1 68	40	7,350	12,684 85	1 72
39,581	9,185,315	20,847,554 94	2 27	39,530	9,177,594	20,669,354 94	2 25
396	113,032	221,136 45	1 96	391	111,442	209,738 45	1 88
10	542	1,255 15	2 31	10	542	1,255 15	2 31
19	3,045	6,816 90	2 30	14	2,955	6,816 90	2 30
29,014	11,046,624	24,724,203 65	2 24	28,962	11,029,000	24,403,685 05	2 21
6	1,808	3,334 81	1 76	6	1,808	3,334 81	1 76
82	20,243	37,129 57	1 83	77	18,678	33,329 57	1 78
47	14,472	24,711 52	1 77	40	13,536	20,064 45	1 51
68	31,097	83,944 45	2 70	60	30,365	83,284 45	2 74
45	9,864	10,787 77	2 05	43	9,504	19,243 84	2 01
51	12,535	27,630 71	2 20	47	11,287	22,010 71	1 95
5,141	1,814,063	4,240,636 26	2 34	5,127	1,809,783	4,145,025 54	2 29
28,212	9,523,419	23,497,383 55	2 47	28,157	9,504,183	23,126,940 68	2 43
20	5,320	14,081 43	2 81	19	5,170	14,081 43	2 72
6	1,740	2,060 57	1 70	4	1,115	1,960 6	1 76
6	1,489	3,009 36	2 02	6	1,489	3,009 3	2 02
55	20,306	43,511 39	2 14	51	19,085	40,211 3	2 04
48	2,654	4,712 84	1 78	43	2,649	4,604 0	1 74
10	1,716	3,108 50	1 81	9	1,516	2,908 5	1 92
7	1,217	3,235 89	1 51	7	2,117	3,235 8	1 51
3,879	1,321,133	3,032,611 86	2 30	3,868	1,317,006	2,951,570 9	2 24
136	51,078	100,820 10	1 97	132	49,422	94,400 1	1 91
27	8,316	22,255 98	2 67	25	8,170	19,255 9	2 35
20	5,498	11,830 49	2 15	19	5,186	10,030 4	1 93
35	9,042	20,777 00	2 29	31	8,718	19,577 0	2 24
238,626	75,314,300	\$172,347,294 28	\$2 20	238,191	75,170,987	\$169,882,249 1	\$2 20

TRAFFIC AND MILEAGE STATEMENT
Of Roads Operating in Wisconsin as Reported to the
Passenger

Name of Company.	Number of passengers carried earning revenue.	Number of passengers carried one mile.	Number of passengers carried one mile per mile of road.	Average distance carried—miles.
Abbotsford & Northeastern.....	6,979	91,321	6,024	13.09
Ahnapee & Western.....	52,931	1,042,638	30,667	19.70
Ashland, Odanah & Marengo-Bayfield Transfer.....				
Big Falls R'y Co.....				
Chicago, Milwaukee & St. Paul.....				
Chicago & Northwestern ¹	6,723,236	224,879,372	113,940	33.45
Chicago, St. Paul, M. & O.....	1,667,991	84,090,628	110,952	49.52
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....	115,467	6,952,413	60,043	60.21
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	7,268	154,710	4,071	20.29
Great Northern.....	271,239	5,725,802	150,402	21.10
Green Bay & Western.....	247,250	5,640,491	25,069	22.81
Hawthorne, Nebagamon & S.....	23	108	168	7.35
Hazelhurst & Southeastern.....	56	560	51	10.00
Hillsboro & Northeastern.....				
Illinois Central.....	117,850	2,004,553	21,953	17.01
Iola & Northern.....	8,270	38,909	1,700	4.70
J. B. Davis Lumber Co., Log. R'y.....				
Kewaunee, Green Bay & Western.....	69,127	1,455,897	39,670	21.06
La Crosse & Southeastern.....	59,226	1,495,352	35,003	25.24
Lake Superior Term. & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marinette, Tomahawk & Western.....	18,285	127,406	4,977	6.97
Mineral Point & Northern.....	26,466	311,894	10,192	11.78
Minneapolis, St. Paul & S. Ste. M.....	351,979	15,813,301	44,795	44.93
Northern Pacific.....	393,550	8,771,956	65,088	22.29
Northwestern Coal R'y Co.....				
Roddis Lbr. & Veneer Co., L. E'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	9,761	254,040	4,267	26.02
Superior & Southeastern.....				
Tomahawk & Eastern.....	3,911	26,908	1,205	6.88
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....	1,429,363	67,065,224	1,011	48.28
Wisconsin & Michigan.....	43,050	814,231	6,302	18.33
Wisconsin & Northern.....	27,468	511,000	1,333	16.12
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....	6,777	59,036	651	9.45
Wisconsin Northwestern.....				
Mattoon R'y Co.....	8,296	84,955	282	11.12
Total.....	11,698,407	429,214,478	71,165	31.69

¹Proportional.

STATISTICS, WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Traffic.

Total passenger revenue.	Average amount received from each passenger.	Average receipts per passenger per mile.	Total passenger service train revenue.	Passenger service train revenue per mile of road	Passenger service train revenue per train-mile.
\$3,641 05 32,308 06	\$0.51117 .01029	\$0.03087 .03038	\$4,402 83 39,454 08	\$296 36 1,160 41	\$0.44879 .92390
4,081,659 75 1,682,656 89	.69531 .98897	.01810 .02001	5,137,990 03 1,965,542 98	2,603 27 2,619 80	1.11265 1.20065
126,306 45	1.08387	.01817	140,334 27	1,211 97	.92341
5,188 57 103,219 01 153,551 59	.08000 .38046 .62104	.03353 .01803 .02722	6,814 89 114,490 02 178,561 22	179 34 3,007 59 798 06	1.18103 .65462
5 75 22 70	.25000 .40535	.03420 .04066	5 75 127 45	78 11 58	.00575 .05670
52,810 98 1,801 31	.44812 .21781	.02635 .04634	68,414 29 2,110 24	749 25 448 99	.09119 .17874
31,845 39 37,887 55	.44821 .63970	.02119 .02745	37,181 47 41,532 98	1,013 17 983 17	.82235 .68750
5,345 99 8,351 29 301,084 39 176,037 32	.29269 .31556 .87799 .44730	.04275 .02677 .01154 .02007	6,507 12 10,940 51 358,012 70 204,094 40	252 70 357 83 1,016 72 1,518 84	.45986 .31894 .86176 1.16176
7,181 40	.73550	.02827	7,200 71	121 04	.24986
1,443 14	.36899	.05333	1,685 78	81 16	.13000
1,267,308 57 21,467 46	.90062 .46818	.01896 .02543	1,555,975 85 24,290 15	1,754 22 320 42	.96721 .31838
14,091 38 2,279 97	.51300 .36100	.04108 .03819	14,468 01 2,347 17	572 20 238 29	.30161
2,943 80	.35000	.03450	2,903 80	98 94	.71730
\$8,175,344 86	\$0.69540	\$0.01905	\$9,948,463 80	\$1,649 48	\$1.05191

*Applies to 21 roads reporting train mileage.

TRAFFIC AND MILEAGE

Freight

Name of Company.	Number of tons carried of freight earning revenue.	Number of tons carried one mile.	Number of tons carried one mile per mile of road.	Average dis- tance haul of one ton— miles.
Abbotsford & N. E.....	76,628	1,149,400	75,818	14.99
Annapee & Western.....	57,034	1,234,500	36,309	21.61
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....				
Chicago & Northwestern ¹	7,914,566	1,251,071,027	623,980	158.00
Chi., St. P., M. & O.....	4,336,977	562,350,168	742,087	129.67
Chi., Burlington & Q.....				
Chi., Lake Shore & E.....				
Chi., Harv. & Geneva L.				
Chi., & Lake Superior.....				
Chippewa R. & Northern.....				
Chippewa V. & Northern.....				
Drummond & S. W.....	33,998	270,650	33,068	8.18
Dul., S. S. & Atlantic..	347,542	21,054,084	151,830	60.58
Dunbar & Wausaukee.....				
Fairchild & N. E.....	18,975	384,029	9,158	19.73
Great Northern	9,666,638	194,844,487	5,118,058	20.11
Green Bay & Western.....	381,152	35,077,667	155,900	92.03
Haw., Nebag. & Sup....	12,250	89,706	12,250	7.35
Hazelhurst & S. E.....	127,079	647,211	26,744	5.00
Hillsboro & N. E.....				
Illinois Central	184,538	5,489,150	90,116	29.75
Iola & Northern	11,933	56,065	11,933	4.70
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	158,996	4,629,194	126,136	29.18
La Crosse & S. E.....	25,649	1,092,903	602	23.47
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marquette, T. & W.....	99,954	574,157	22,438	5.76
Mineral Point & N.....	119,995	1,246,577	39,214	10.39
M., St. P. & S. Ste. M.	1,392,435	232,766,896	659,377	167.17
Northern Pacific	1,943,899	33,741,140	250,361	17.36
N. W. Coal Ry. Co.....	367,948	930,908	116,363	2.53
R. L. & V. Co., L. Ry..	43,529	345,290	27,623	7.93
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	304,735	6,896,661	115,332	22.63
Superior & S. E.....				
Tomahawk & Eastern...	25,903	363,020	17,478	14.02
Whitcomb & Morris.....				
Winona Bridge Ry. Co.				
Wisconsin Central	4,128,160	671,803,885	757,397	163.74
Wisconsin & Michigan..	224,326	7,042,712	52,573	31.39
Wisconsin & Northern..	48,077	719,913	1,705	16.72
Wis., Ruby & Southern.				
Waupaca-Green Bay	5,728	56,421	5,728	9.45
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	32,071,902	3,085,923,140	427,012	94.83

¹ Proportional.² Applies to 21 roads reporting train mileage.

STATISTICS, WISCONSIN, 1908—continued.

Traffic.

Total freight revenue.	Average amount received for each ton of freight.	Average receipts per ton per mile.	Freight revenue per mile of road.	Freight revenue per train-mile.
\$26,271 25 89,400 30	\$0.34284 .69062	\$0.02286 .03192	\$1,732 93 1,158 83	\$2.68423 .79404
10,850,014 59 3,999,204 82	1.37089 .91520	.00807 .00706	5,497 38 5,237 11	2.26688 1.89906
13,632 20 190,883 91	.41109 .57514	.05037 .00949	1,666 53 1,796 26	 1.34741
11,768 61 1,122,908 66 399,233 37	.63856 .11502 1.04744	.03381 .00676 .01138	309 70 29,495 76 1,774 37	 5.81661 1.38396
9,226 81 18,053 16	.75598 .14206	.01023 .02739	1,255 36 745 99	 1.00159
62,306 44 4,614 06	.33767 .39666	.01135 .08227	682 33 .98171	.60602 .39082
85,069 43 25,597 30	.53615 .99790	.01833	2,317 97 600 73	1.494 62 .42907
41,416 47 61,119 61 1,298,679 52 354,175 41	.41477 .50865 .91267 .18220	.07213 .04902 .00558 .01050	1,617 83 1,997 37 3,678 37 2,628 00	2.88562 1.88078 2.10313 2.27588
23,276 46 5,342 97	.06326 .12274	.02500 .01547	2,909 56 427 44	
114,409 24	.37544	.01689	1,921 55	2.875 98
12,481 87	.48203	.03433	.80096	.90259
4,410,751 46 128,515 56	1.06845 .61747	.00657 .01967	4,972 72 1,823 64	1.89038 1.97237
19,715 93 2,845 68	.45790 .49630	.02740 .05046	780 83 .23801	.41013
\$23,319,912 09	\$0.72711	\$0.00771	\$3,874 96	\$2.09079

TRAFFIC AND MILEAGE STATISTICS.

Total

Name of Company.	Operating revenues.	Operating revenues per mile of road.	Operating revenues per train mile.
Abbotsford & Northeastern.....	\$31,453 01	\$2,074 73	\$3.14184
Ahnapee & Western	70,174 38	2,328 06	1.59501
Ashland, Odanah & Murengo.....	45,755 83	1,525 19	1.96385
Bayfield Transfer			
Big Falls R'y Co.....			
Chicago, Milwaukee & St. Paul..	15,822,318 70	9,433 64	2.08832
Chicago & Northwestern ¹	16,351,295 93	8,281 72	1.81287
Chl., St. P., Mpls. & Omaha..	6,015,587 81	7,937 18	1.72770
Chicago, Burlington & Quincy.....			
Chicago, Lake Shore & Eastern.....			
Chl. Harvard & Geneva Lake.....			
Chicago & Lake Superior.....			
Chippewa River & Northern.....			
Chippewa Valley & Northern.....			
Drummond & Southwestern.....	13,632 20	1,633 53	
Duluth, South Shore & Atlantic..	341,457 23	2,974 84	1.14654
Dunbar & Wausaukee.....			
Fairchild & Northeastern.....	18,001 07	481 50	
Great Northern.....	1,272,824 79	33,433 80	4.38871
Green Bay & Western.....	601,429 04	2,673 01	1.41153
Hawthorne, Nebagamon & Sup..	9,446 58	1,285 24	
Hazelhurst & Southeastern.....	18,189 61	751 23	1.61226
Hillsboro & Northeastern.....			
Illinois Central	132,528 40	1,451 33	.71207
Iola & Northern	6,749 20	1,439 02	.57168
J. R. Davis Lbr. Co., Log. R'y.			
Kewaunee, Green Bay & West..	127,048 38	3,461 81	2.23217
La Crosse & Southeastern.....	67,490 28	1,583 90	1.11740
Lake Sup. Term. & Transfer.....			
Laona & Northern.....			
Marathon County R'y Co.....			
Marquette, Tomahawk & Western	48,031 09	1,878 21	3.34664
Mineral Point & Northern.....	73,057 13	2,387 49	2.27889
Mpls., St. P. & S. Ste. Marie..	1,671,303 50	4,734 45	1.71574
Northern Pacific	579,738 51	4,301 83	1.88310
Northwestern Coal R'y Co.....	23,276 46	2,909 56	
Rodd's L. & V. Co., Log. R'y...	5,312 97	427 44	
Robbins R'y Co.....			
Stanley, Merrill & Phillips.....	123,011 02	2,065 53	3.00034
Superior & Southeastern.....			
Tomahawk & Eastern.....	14,107 05	682 12	1.00259
Whitcomb & Morris			
Winona Bridge R'y Co.....			
Wisconsin Central	6,013,183 19	6,779 32	1.54602
Wisconsin & Michigan	166,911 05	2,198 04	1.13769
Wisconsin & Northern.....	34,750 64	1,376 62	.72462
Wisconsin, Ruby & Southern.....			
Waupaca-Green Bay	5,245 73	532 56	
Wisconsin Northwestern			
Mattoon R'y Co.....	35,476 88	1,208 83	
Total	\$50,751,591 37	\$7,474 25	\$1.84516

¹ Proportional.² Applies to 23 roads reporting train mileage.³ Deficit.

WISCONSIN, 1908—Continued.

Traffic.

Operating expenses.	Operating ex- penses per mile of road.	Operating ex- penses per train mile.	Net operating revenue.	Net operating revenue per mile of road.
\$29,405 84	\$1,039 60	\$2,03735	\$2,047 17	\$135 04
43,542 29	1,280 06	.87751	35,632 09	1,048 00
53,660 21	1,888 67	2,43187	\$10,904 88	363 47
9,923 241 39	5,604 01	1,24050	6,829,107 31	3,829 63
10,779,270 57	5,456 93	1,19410	5,581,025 33	2,827 74
4,170,443 47	5,502 63	1,19777	1,815,144 37	2,434 55
15,708 97	1,920 41		\$2,076 77	\$253 88
362,217 70	3,128 23	1,20565	\$17,760 47	-3153 39
17,988 05	473 37		613 02	17 61
1,062,351 22	28,430 55	3,73193	190,473 57	5,008 25
417,785 72	1,853 82	.06053	183,643 32	816 19
2,848 39	397 53	2,84839	6,508 17	877 71
13,306 29	549 83	1,18017	4,874 32	201 41
169,981 52	1,811 59	.91332	\$37,455 12	\$410 20
7,414 78	1,777 61	.62805	\$665 48	\$141 59
83,010 51	2,261 87	1,45815	44,037 87	1,109 94
46,632 16	1,094 39	.77211	20,858 12	489 51
41,911 08	1,637 15	2,92022	6,120 01	239 26
58,338 21	1,906 48	-1,79519	14,718 92	481 01
1,109,377 06	3,142 62	1,13887	561,931 42	1,591 83
647,853 44	4,807 10	2,10427	\$68,034 93	-3505 27
22,043 76	2,755 47		1,232 70	154 00
5,342 97	427 44			
99,190 63	1,603 05	2,40727	23,344 39	400 48
6,182 73	277 68	.47680	7,984 92	384 44
4,358,962 79	4,914 37	1,12072	1,651,190 40	1,834 05
135,121 25	1,779 06	.92082	31,819 80	418 96
28,264 99	1,119 41	.58723	6,494 65	257 21
4,384 17	465 30		811 56	67 17
27,038 46	920 93		8,438 42	287 40
\$33,883,853 64	\$1,981 72	\$1.22882	\$19,924,731 73	\$2,472 53

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Locomotive mileage—			
	Freight locomotive—miles.	Passenger locomotive—miles.	Mixed locomotive—miles.	Special locomotive—miles.
Abbotsford & N. E....	10,011			
Ahnapee & Western....	6,916		42,704	
Ashland, Odanah & M..			24,309	
Bayfield Transfer				
Big Falls Ry. Co.....				
Chl., Milw. & St. P....	4,850,026	3,452,826	511,486	8,539
Chicago & Northwestern	4,875,587	4,372,034	334,989	7,292
Chl., St. P., M. & O....	2,006,591	1,415,255	257,055	2,220
Chl., Burlington & Q..				
Chl., L. S. & Eastern..				
Chl., Harv. & Geneva L.				
Chl. & Lake Superior..				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic..	164,596	151,397		433
Dunbar & Wausaukee..				
Fairchild & N. E.....				
Great Northern.....	197,835	108,701	26	98
Green Bay & Western..	156,234	138,650	135,648	
Haw., Nebag. & Sup....			1,000	
Hazelhurst & S. E.....	8,984		2,283	
Hillshoro & N. E.....				
Illinois Central.....	87,567	83,838	15,684	67
Iola & Northern.....			11,806	
J. R. D. L. Co., L. Ry..				
Kewaunee, G. B. & W..	11,701		45,216	
La Crosse & S. E.....			60,935	
Lake Superior T. & T..				
Laona & Northern.....				
Marathon Co. Ry. Co..				
Marquette, T. & W.....				
Mineral Point & N.....				
M., St. P. & S. Ste. M..	571,837	363,471	62,189	1,359
Northern Pacific.....	190,405	152,470	23,975	221
N. W. Coal Ry. Co....				
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & Phil.	15,152	186	25,010	288
Superior & Southeastern				
Tomahawk & Eastern..				
Whitcomb & Morris....				
Winona Bridge Ry. Co..				
Wisconsin Central.....	2,380,321	1,543,783	64,939	407
Wisconsin & Michigan..	59,891	76,197		314
Wisconsin & Northern..			47,969	
Wis., Ruby & Southern				
Waupaca-Green Bay...				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	15,579,624	11,834,267	1,707,228	21,141

REPORT OF THE RAILROAD COMMISSION.

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WISCONSIN, 1908—continued.

revenue service.		Non-revenue service locomotive—miles.	Car mileage—revenue service.			
Switching locomotive—miles.	Total in revenue service—miles.		Freight car—miles.			
			Loaded.	Empty.	Caboose.	Total.
.....	10,011	.....	44,370	41,859	.....	86,229
.....	49,620	3,717	137,276	43,195	.....	187,387
7,695	32,004	14,876	124,380	124,380	6,916	248,760
.....
2,500,730	11,303,607	264,525	90,630,976	31,425,185	4,085,175	126,091,286
2,322,146	11,042,918	402,142	84,212,305	34,219,040	4,426,320	122,857,665
577,702	4,238,883	116,709	33,172,275	11,987,832	1,833,175	46,083,282
95,436	95,436	.....	.....	.....	.....	.....
.....	.....	.....	15,607	9,750	.....	25,356
.....
14,088	330,517	21,032	1,342,178	674,876	157,322	2,174,076
.....
396,914	608,634	32,630	6,142,305	3,093,431	189,107	9,392,793
43,384	473,916	10,380	2,370,043	657,805	150,817	3,178,665
.....	1,000	100	4,263	4,263	1,000	9,526
.....	11,272	.....	73,267	72,271	8,964	154,522
3,280	199,965	2,272	539,303	208,926	89,391	927,620
.....	11,806	.....	5,711	3,872	.....	9,583
.....
3,514	60,431	2,356	287,094	97,828	11,701	396,623
.....	60,935	.....	.....	.....	.....	.....
178,800	178,800	.....	.....	.....	.....	.....
.....
32,169	1,030,925	31,251	14,528,162	3,437,251	549,995	18,514,408
96,945	464,016	22,453	2,210,630	778,525	126,703	3,115,858
.....
31,208	74,704	9,594	301,734	270,400	12,550	593,673
.....
556,183	4,533,633	122,782	30,596,203	14,324,045	2,358,037	50,290,285
10,637	147,009	5,877	261,651	180,088	.....	547,739
.....	47,969	6,506	239,845	143,907	47,969	431,721
.....
6,855,905	36,008,166	10,070,062	276,341,778	101,872,752	13,938,142	392,207,672

TRAFFIC AND MILEAGE STATISTICS.

Car Mileage

Revenue Service

Passenger Car Miles.

Name of Company.	Passenger.	Sleeping, parlor and ob- servation.	Other passenger train cars.	Total.
Abbotsford & N. E.....	10,011			10,011
Ahnapee & Western	132,365			132,365
Ashland, Odanah & M.....			23,299	23,299
Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul..	9,107,571	3,154,500	8,492,752	20,754,823
Chicago & N. W.....	10,861,823	3,674,179	7,531,309	22,067,311
Chi., St. P., M. & O.....	4,352,488	1,981,877	2,665,529	8,999,894
Chicago, Burl. & O.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L..	22,652			22,652
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	408,689	170,009	226,920	805,618
Dunbar & Wausaukee ..				
Fairchild & N. E.....				
Great Northern	210,197	100,268	125,481	435,946
Green Bay & Western ..	494,614		302,292	796,906
Hawthorne, Nebac. & S.....				
Hazelnut & S. E.....			2,288	2,288
Hillboro & N. E.....				
Illinois Central	176,820		64,874	241,694
Iola & Northern	11,806			11,806
J. R. D. L. Co., L. Ry.....				
Keweenaw, G. B. & W.....	103,673			103,673
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern				
Marathon Co. Ry. Co.....				
Marquette, T. & W.....				
Mineral Point & N.....				
M., St. P. & S. S. M.....	694,604	492,072	547,459	1,734,135
Northern Pacific	363,177	114,476	186,063	663,716
N. W. Coal Ry. Co.....				
R. T. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	33,155			33,155
Superior & S. E.....				
Tomahawk & Eastern ..				
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central	3,819,164	1,646,680	2,638,505	8,104,349
Wisconsin & Michigan ..	152,394			152,394
Wisconsin & Northern ..	47,969			47,969
Wisconsin Ruby & S.....				
Waupaca-Green Bay				
Wisconsin Northwestern ..				
Mattoon Ry. Co.....				
Total	30,980,262	11,284,181	22,806,757	65,071,200

TRAFFIC AND MILEAGE STATISTICS,

CAR MILEAGE—concluded.				
Name of Company.	Revenue service—concluded.			Non-revenue service car miles.
	Special car miles—concluded.		Total in revenue service.	
	Other passenger-train cars	Total.		
Abbotsford & N. E.....			98,240	
Ahnapee & Western.....			319,752	18,583
Ashland, Odanah & M.....			272,059	
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chl., Milw. & St. Paul..	2,775	18,470	146,859,639	3,137,580
Chicago & N. W.....	246	98,189	145,023,158	2,732,839
Chl., St. P., M. & O.....		57,443	55,990,619	1,868,059
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....			48,018	
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	545	1,185	2,081,539	36,228
Dunbar & Wausaukee ..				
Fairchild & N. E.....				
Great Northern.....		348	9,829,092	451,915
Green Bay & Western ..			3,975,571	51,900
Hawthorne, Nebag. & S.....			9,526	
Hazelhurst & S. E.....			156,810	
Hillsboro & N. E.....				
Illinois Central.....			1,150,314	15,472
Iola & Northern.....			21,389	
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....			500,296	11,780
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry Co.....				
Marinette, T. & W.....				
Mineral Point & N.....				
M., St. P. & S. S. M.....		5,752	20,246,378	13,892
Northern Pacific.....	1	409	3,779,983	220,108
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P.....		132	626,900	83,451
Superior & S. E.....				
Tomahawk & Eastern ..				
Whitcomb & Morris.....				
Winona Bridge Ry. Co.....				
Wisconsin Central.....		12,800	64,397,434	3,609,526
Wisconsin & Michigan ..			700,183	
Wisconsin & Northern ..			479,690	6,500
Wisconsin, Ruby & S.....				
Waupaca-Green Bay ..				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	3,507	194,728	477,473,600	12,258,175

WISCONSIN, 1908—Continued.

TRAIN MILEAGE.					
Revenue service.					Non-revenue service train mile- age.
Freight train- miles.	Passenger train—miles.	Mixed train miles.	Special train—miles.	Total rev- enue train mileage.	
6,916		10,011		10,011	
		42,704		49,620	3,717
		23,299		23,299	14,376
4,161,830	3,452,329	430,255	1,981	8,055,448	2,765,255
4,396,666	4,232,622	384,540	5,727	9,019,555	391,752
1,833,951	1,389,504	255,480	2,914	3,481,852	148,301
25,266	22,652			48,018	
148,347	151,046		440	300,433	21,032
193,025	96,873	26	98	290,022	32,496
151,785	138,650	125,048		426,083	10,380
		1,000		1,000	100
8,984		2,288		11,272	
87,132	83,297	15,684		186,113	
		11,806		11,806	
11,701		45,216		56,917	2,356
		60,985		60,985	
		14,352		14,352	2,665
557,616	357,483	59,004		974,103	738
131,663	152,236	23,958	18	307,875	22,159
15,051	136	24,727	288	40,205	7,246
		12,967		12,967	1,252
2,280,328	1,543,783	64,939	407	3,889,457	122,732
70,228	76,197		314	146,739	5,877
		47,969		47,969	6,500
14,080,045	11,697,408	1,675,808	12,190	27,466,051	3,554,044

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Average number of passengers per car-mile.	Average number of passengers per train-mile.	Average number of passenger cars per train-mile.	Average number of tons of freight per loaded car-mile.
Abbotsford & N. E.....	9.00	9.00	1.00	25.90
Ahnapee & Western.....	8.00	24.00	3.09	8.99
Ashland, Odanah & M.....			1.00	
Bayfield Transfer				
Big Falls Ry. Co.....				
Chl., Milw. & St. P.....				
Chicago & N. W.....	10.19	48.70	4.78	14.84
Chl., St. P., M. & O.....	9.40	51.00	5.44	16.95
Chicago, Burl. & Q.....				
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.....				
Chicago & Lake Sup.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	9.00	43.00	5.31	15.68
Dunbar & Wausaukee				
Fairchild & N. E.....				
Great Northern	13.00	59.00	4.49	31.72
Green Bay & Western ..	8.00	21.00	2.90	11.80
Hawthorne, Nebag. & S.....				3.00
Hazelhurst & S. E.....			1.00	8.81
Hillsboro & N. E.....				
Illinois Central	9.00	20.00	2.34	10.15
Iola & Northern	3.00	3.00	1.00	9.82
J. R. D. L. Co., L. Ry.....				
Kewaunee, G. B. & W.....	14.00	32.00	2.29	13.12
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....		9.00		
Mineral Point & N.....				
M., St. P. & S. S. M.....	9.00	38.00	4.14	16.02
Northern Pacific	13.22	49.79	3.77	15.20
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	8.00	10.00	1.33	22.81
Superior & S. E.....				
Tomahawk & Eastern		2.00		
Whitcomb & Morris				
Winona Bridge Ry. Co.....				
Wisconsin Central	9.00	43.00	5.04	16.97
Wisconsin & Michigan.....	5.00	11.00	2.00	21.03
Wisconsin & Northern.....	7.00	7.00	1.00	3.00
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	9.64	45.35	4.80	18.33
No. of roads reporting	17	22	21	18

WISCONSIN, 1908.—Concluded

Average number of tons of freight per train-mile.	Average number of freight cars per train-mile.	Average number of loaded cars per train-mile.	Average number of empty cars cars per train- mile.	Average mileage oper- ated during year.
114.81	8.61	4.43	4.18	15.16
24.89	3.78	2.77	.87	84.00
		5.33	5.33	30.00
				1,783.23
261.38	25.08	17.61	8.07	1,973.67
269.16	22.49	15.88	6.61	757.90
				8.18
141.92	14.66	9.05	4.55	115.79
				38.00
1,009.29	48.65	31.82	15.86	38.07
122.08	11.06	8.25	2.29	225.00
12.00	8.00	4.00	4.00	7.35
57.41	12.91	6.49	6.42	24.20
53.37	9.02	5.25	2.91	91.31
4.75	.81	.48	.33	4.70
81.33	6.97	5.04	1.72	36.70
				42.01
40.00				25.60
				30.61
377.49	30.03	23.56	5.57	353.01
216.81	20.02	14.21	5.00	134.77
				8.00
				12.50
173.37	14.92	7.58	7.02	59.54
27.99				20.71
283.45	23.97	16.83	7.11	839.09
100.28	7.63	5.01	2.65	75.95
14.58	8.00	5.00	3.00	25.25
				9.85
				21.36
273.20	21.02	17.64	6.50	6,938.01
23	21	21	21	30

TRAFFIC AND MILEAGE STATISTICS,
Of Roads Operating in Wisconsin as Reported to the
Passenger

Name of Company.	Number of passengers carried earning revenue.	Number of passengers carried one mile.	Number of passengers carried one mile per mile of road.	Average distance carried - miles.
Abbotsford & N. E.....	6,979	91,324	6,024	13.09
Annapee & Western	52,981	1,042,668	30,667	19.70
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. Paul..	14,234,127	619,468,248	82,601	43.52
Chicago & N. W.	25,904,182	869,455,637	113,940	33.45
Chi., St. P., M. & O.	3,761,787	180,436,709	108,065	49.56
Chicago, Burl. & Q.	18,846,198	1,007,291,339	112,205	53.45
Chicago, L. S. & E.				
Chicago, Harv. & G. L.				
Chicago & Lake Sup.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.	679,253	38,502,381	61,725	51.93
Dunbar & Wausaukee				
Fairchild & N. E.	7,268	154,710	4,071	20.28
Great Northern	6,926,161	491,438,194	75,445	70.96
Green Bay & Western ..	247,250	5,640,491	25,000	22.81
Hawthorne, Nebag. & S.	23	168	163	7.35
Hazelhurst & S. E.	56	560	51	10.00
Hillsboro & N. E.				
Illinois Central	23,357,184	591,960,642	133,891	25.34
Iola & Northern	8,270	38,869	1,760	4.70
J. R. v. L. Co., J. Ry.				
Kewaunee, G. B. & W.	69,127	1,455,897	31,670	21.06
La Crosse & S. E.	59,226	1,495,352	35,093	25.24
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.	18,265	127,406	4,077	6.97
Mineral Point & N.	26,465	311,804	10,192	11.78
M., St. P. & S. S. M.	1,606,991	128,293,907	55,685	79.83
Northern Pacific	7,839,333	794,351,948	141,039	100.89
N. W. Coal Ry. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, Merrill & P.	9,764	254,010	1,257	25.02
Superior & S. E.				
Tomahawk & Eastern ..	3,911	26,908	1,295	6.83
Whitcomb & Morris				
Winona Bridge Ry. Co.				
Wisconsin Central	1,613,993	85,341,123	1,578	52.88
Wisconsin & Michigan ..	81,217	1,488,943	11,115	18.33
Wisconsin & Northern ..	27,468	343,000	1,533	16.12
Wisconsin, Ruby & S.				
Waupaca-Green Bay	6,317	59,606	651	9.45
Wisconsin Northwestern ..				
Mattoon Ry. Co.	8,296	83,955	282	10.12
Total	105,532,907	4,825,106,009	102,259	45.63

¹ Applies to 23 roads reporting mileage.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Traffic.

Total passenger revenue.	Average amount received from each passenger.	Average receipts per passenger per mile.	Total passenger service train revenue.	Passenger service train revenue per mile of road.	Passenger service train revenue per train-mile.
\$3,641 05	\$0.51117	\$0.03987	\$4,492 88	\$296 36	\$0.41879
32,303 06	.61029	.08098	39,454 08	1,160 41	.92393
.....
11,883,394 66	.83485	.01918	15,524,480 16	2,070 14	1.15761
15,734,607 81	.60531	.01810	19,865,114 16	2,603 27	1.11965
3,690,483 65	.98105	.01979	4,389,565 71	2,544 85	1.17750
18,637,378 96	.98891	.01850	23,448,933 26	2,611 48	1.47418
.....
.....
.....
.....
969,125 94	1.42675	.02517	1,090,261 95	1,847 08	1.10828
5,183 57	.68000	.03353	6,814 89	179 34	.....
11,150,222 34	1.61117	.02270	13,446,963 85	2,064 14	1.50723
153,551 50	.62104	.02722	179,561 22	793 05	.65462
5 75	.25000	.08420	5 75	78	.00575
22 70	.40535	.04005	127 45	11 58	.05570
10,991,798 85	.47080	.01857	13,534,933 50	3,061 88	1.18478
1,801 31	.21781	.04634	2,110 24	445 99	.17874
.....
30,845 39	.44621	.02119	37,183 47	1,013 17	.82235
37,887 55	.63970	.02533	41,892 93	983 17	.68750
.....
.....
5,345 99	.29269	.04275	6,597 12	252 70	.45066
8,351 29	.31556	.02677	10,949 51	357 83	.33604
2,681,221 84	1.66847	.02060	3,032,385 85	1,316 19	1.07428
18,133,238 52	2.30108	.02283	20,674,214 77	3,669 98	2.08532
.....
.....
7,181 40	.73550	.02827	7,206 71	121 04	.28086
.....
1,443 14	.36309	.05363	1,685 78	81 16	.13070
.....
1,538,310 55	.95319	.01803	1,909,646 07	1,867 19	1.00102
36,449 98	.44879	.02448	41,080 49	306 66	.30560
14,091 38	.51300	.04108	14,468 01	572 20	.70101
2,279 97	.36100	.03819	2,347 17	238 29	.....
2,908 80	.35000	.03450	2,908 80	93 94	.77730
\$85,761,976 04	\$0.81265	\$0.01798	\$117,319,380 87	\$2,484 23	\$1.32211

TRAFFIC AND MILEAGE STATISTICS.

Freight

Name of Company.	Number of tons carried of freight earning revenue.	Number of tons carried one mile.	Number of tons carried one mile per mile of road.	Average distance hauled of one ton— miles.
Abbotsford & N. E....	76,628	1,149,400	75,818	14.93
Ahnapee & Western	57,034	1,234,500	36,300	21.61
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.....				
Chl., Milw. & St. P....	28,187,853	4,980,488,243	664,133	170.17
Chicago & N. W.....	30,600,322	4,837,041,063	633,890	153.00
C.. St. P., M. & O.....	6,624,850	928,637,226	578,272	140.17
Chicago, Burl. & Q.....	24,679,801	6,604,633,566	735,706	237.62
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.				
Chicago & Lake Sup....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....	33,088	270,659	33,088	8.18
Duluth, S. S. & Atl....	2,913,982	187,751,208	303,855	61.40
Dunbar & Wausaukee ..				
Fairchild & N. E.....	18,975	384,920	9,158	19.73
Great Northern	19,232,228	5,132,087,074	787,787	263.81
Green Bay & Western...	381,152	35,077,667	155,900	92.03
Hawthorne, Nebag. & S.	12,250	80,705	12,250	7.35
Hazelhurst & S. E.....	127,079	647,211	23,744	5.07
Hillsboro & N. E.....				
Illinois Central	25,047,082	6,038,541,933	1,366,014	241.01
Iola & Northern	11,933	56,085	11,933	4.70
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	158,663	4,622,194	123,136	29.18
La Crosse & S. E.....	25,640	1,092,903	002	23.47
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.....	99,854	574,157	22,428	5.76
Mineral Point & N.....	119,995	1,246,877	39,214	10.39
M., St. P. & S. S. M.	4,439,185	961,934,837	417,523	216.67
Northern Pacific	15,836,823	5,153,378,360	915,334	325.00
N. W. Coal Ry. Co....	367,918	930,908	116,303	2.51
R. L. & V. Co., L. Ry.	43,529	345,290	27,623	7.93
Robbins Ry. Co.....				
Stanley, M. & P.....	304,735	6,835,661	115,812	22.63
Superior & S. E.....				
Tomahawk & Eastern..	25,833	313,020	17,178	14.02
Whitcomb & Morris ..				
Winona Bridge Ry. Co.				
Wisconsin Central	4,418,135	712,278,054	771,662	179.32
Wisconsin & Michigan..	395,637	12,121,009	92,721	31.31
Wisconsin & Northern..	43,057	719,913	1,705	16.72
Wisconsin, Ruby & S.				
Waupaca-Green Bay..	5,728	53,421	5,728	9.45
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	132,320,172	15,687,955,203	680,555	219.82

¹ Applies to 23 roads reporting train mileage.

WHOLE LINE, 1908.—Continued.

Traffic.

Total freight revenue.	Average amount received for each ton of freight.	Average receipts per ton per mile.	Freight revenue per mile of road.	Freight revenue per train-mile.
\$26,271 25 39,400 30	\$0.34284 .69062	\$0.02283 .08192	\$1,732 93 1,158 83	\$2.62423 .79404
40,421,879 64 41,919,629 54 8,204,691 33 52,568,751 78	1.54361 1.37089 1.25205 2.13008	.00812 .00837 .03883 .00796	5,370 80 5,497 88 4,877 90 5,855 77	2.22076 2.26693 2.07751 3.05817
13,632 20	.41199	.05037	1,636 53	
1,783,169 83	.60570	.00087	2,937 63	1.79741
11,708 61 40,046,333 85 399,231 37	.63851 2.08225 1.04744	.03381 .00780 .01136	302 70 6,147 21 1,774 37	3.98314 1.38336
9,226 81 18,053 16	.75598 .12206	.01028 .02783	1,255 36 745 99	1.60150
35,337,810 92 4,614 03	1.41163 .38363	.00551 .06227	7,993 67 981 71	2.05938 .39082
85,069 43 25,597 30	.53615 .99790	.01838	2,317 97 600 73	1.49462 .42007
41,416 47 61,119 61 7,828,351 60 46,423,836 33	.41477 .50035 1.76358 2.93139	.07213 .04902 .00614 .00900	1,617 83 1,997 37 3,396 07 8,240 92	2.88562 1.88078 2.50639 3.87017
23,276 46 5,842 97	.06326 .12274	.02500 .01547	2,909 53 427 44	
114,400 24	.37544	.01659	1,921 55	2.87538
12,481 87	.48203	.03438	800 96	.96250
5,323,931 33 181,223 00	1.20702 .45757	.00672 .01457	5,205 56 1,373 65	1.94200 1.46159
19,715 93	.45790	.02740	780 83	.41013
2,845 68	.49680	.05046	283 91	
\$261,097,643 87	\$1.73176	\$0.01095	\$5,969 56	\$2.66903

TRAFFIC AND MILEAGE STATISTICS,

Total

Name of Company.	Operating revenues.	Operating revenues per mile of road.	Operating revenues per train-mile.
Abbotsford & Northeastern	\$31,453 01	\$3,074 73	\$6.14184
Ahnapee & Western	79,174 38	2,328 06	1.59761
Ashland, Odanah & Marengo.....	45,755 83	1,525 19	1.96325
Bayfield Transfer			
Big Falls Ry. Co.....			
Chicago, Milwaukee & St. Paul ..	56,962,620 50	7,591 79	1.83618
Chicago & Northwestern	63,319,344 19	8,284 72	1.81237
Chi., St. Paul, Mpls. & Omaha ..	12,865,693 93	7,457 42	1.80408
Chicago, Burlington & Quincy ...	77,748,161 52	8,600 58	2.38674
Chicago, Lake Shore & Eastern			
Chicago, Harv. & Geneva Lake.....			
Chicago & Lake Superior			
Chippewa River & Northern			
Chippewa Valley & Northern			
Drummond & Southwestern	13,682 20	1,666 58	
Duluth, South Shore & Atlantic..	2,921,916 02	4,211 94	1.54016
Dunbar & Wausaukee			
Fairchild & Northeastern	18,601 07	489 50	
Great Northern	54,069,588 74	8,299 79	2.97477
Green Bay & Western	601,429 04	2,673 01	1.41153
Hawthorne, Nebag. & Superior..	9,446 56	1,285 24	9.44656
Hazelhurst & Southeastern.....	18,180 61	751 26	1.61296
Hillsboro & Northeastern			
Illinois Central	52,830,426 83	11,951 34	1.88726
Iola & Northern	6,749 30	1,436 02	.57168
J. R. Davis L. Co., Logging Ry.			
Kewaunee, Green Bay & Western ..	127,048 38	3,461 81	2.23217
La Crosse & Southeastern	67,490 28	1,563 90	1.11740
Lake Superior Term. & Transfer ..			
Leona & Northern			
Marathon County Ry. Co.....			
Marinette, Tomahawk & Western ..	43,031 09	1,876 21	3.34664
Mineral Point & Northern	73,067 13	2,357 49	2.37869
Mpls., St. Paul & Sault Ste. M..	11,014,214 98	4,780 66	1.96750
Northern Pacific	68,235,484 17	12,112 82	3.24298
Northwestern Coal Ry. Co.....	23,276 46	2,909 56	
Roddis L. & V. Co., L. Ry.....	5,342 97	427 44	
Robbins Ry. Co.....			
Stanley, Merrill & Phillips	123,041 02	2,066 53	3.06034
Superior & Southeastern.....			
Tomahawk & Eastern	14,167 05	682 12	1.00250
Whitcomb & Morris			
Winona Bridge Ry. Co.....			
Wisconsin Central	7,307,311 85	7,144 84	1.56800
Wisconsin & Michigan	226,429 83	1,691 03	.37463
Wisconsin & Northern	34,759 64	1,376 02	.72463
Wisconsin, Ruby & Southern			
Waupaca-Green Bay	5,245 78	582 56	
Wisconsin Northwestern			
Mattoon Ry. Co.....	35,476 88	1,208 33	
Total	\$408,752,501 24	\$8,565 23	\$2.19636

¹ Deficit

WHOLE LINE, 1908—Continued.

Traffic.

Operating expenses.	Operating expenses per mile of road.	Operating expenses per train-mile.	Net operating revenue.	Net operating revenue per mile of road.
\$29,405 84	\$1,939 69	\$2.93785	\$2,047 17	\$135 04
43,542 29	1,280 66	.87751	35,682 09	1,048 00
56,660 21	1,838 67	2.43187	110,904 38	1363 47
37,163,368 43	4,955 62	1.23122	19,769,252 07	2,636 17
41,641,313 63	5,456 98	1.19410	21,578,030 56	2,827 74
8,542,489 67	4,951 54	1.19786	4,323,204 23	2,505 88
55,268,407 48	6,156 50	1.66665	22,479,754 04	2,504 08
15,708 97	1,920 41		12,076 77	1253 88
2,306,214 69	3,708 80	1.16291	715,701 33	1,203 14
17,988 05	473 37		613 02	17 61
35,867,600 24	5,505 76	1.97331	18,201,938 50	2,794 03
417,785 72	1,856 82	.98053	183,643 32	816 19
2,848 39	387 53	2.84839	6,598 17	897 71
13,306 29	549 83	1.18047	4,874 33	201 41
37,893,478 82	8,572 29	1.31063	14,966,943 01	3,379 05
7,414 78	1,577 61	.62805	1665 48	141 50
83,010 51	2,261 87	1.45845	44,037 87	1,199 94
46,632 16	1,094 39	.77211	20,858 12	489 51
41,911 03	1,637 15	2.92022	6,120 06	239 26
56,338 21	1,906 43	1.79519	14,718 92	481 01
7,081,117 29	3,073 52	1.26492	3,933,097 64	1,707 14
39,865,083 30	7,076 64	1.83464	23,370,450 87	5,036 18
22,043 76	2,755 47		1,232 70	154 09
5,342 97	427 44			
99,196 63	1,666 05	2.46727	23,344 39	400 43
6,132 73	297 68	.47680	7,984 92	334 44
5,130,643 09	5,016 57	1.12059	9,176,668 26	2,123 27
183,264 97	1,375 52	.70613	43,184 86	322 22
23,264 99	1,119 41	.58923	6,494 65	277 21
4,384 17	465 39		861 56	67 17
27,038 46	920 98		8,483 42	237 40
\$271,869,967 77	\$5,696 91	\$1.46103	\$136,832,563 47	\$2,868 32

TRAFFIC AND MILEAGE STATISTICS,

Name of Company.	Locomotive mileage—revenue				
	Freight locomotive—miles.	Passenger locomotive—miles.	Mixed locomotive—miles.	Special locomotive—miles.	Switching locomotive—miles.
Abbotsford & N. E.....	10,011				
Ahnapee & Western.....	6,910		42,704		
Ashland, Odanah & M.....			24,809		7,005
Bayfield Transfer.....					
Big Falls Ry. Co.....					
Chl., Milw & St. Paul.....	19,282,101	12,203,132	1,153,973	17,881	7,237,423
Chicago & Northwestern.....	18,773,254	16,907,161	1,488,491	28,194	8,978,150
Chl., St. Paul, Mpls. & O.....	8,753,883	3,192,064	595,494	4,330	1,500,862
Chicago, Burl. & Quincy.....	17,742,510	15,700,139	1,219,351	23,913	5,226,070
Chicago, Lake Shore & E.....					
Chicago, Harvard & G. L.....					
Chicago & Lake Superior.....					
Chippewa R. & Northern.....					
Chippewa V. & Northern.....					
Drummond & S. W.....					
Duluth, S. S. & Atlantic.....	1,105,515	897,732	12,678	1,968	361,670
Dunbar & Wausaukee.....					
Fairchild & Northeastern.....					
Great Northern.....	9,970,478	8,392,545	821,941	17,267	3,454,205
Green Bay & Western.....	156,234	138,650	135,648		43,384
Hawthorne, Nebag. & Sup.....			1,000		
Hazelhurst & Southeastern.....	8,984		2,288		
Hillsboro & Northeastern.....					
Illinois Central.....	17,457,065	12,096,184	208,721	19,796	7,115,414
Iola & Northern.....			11,906		
J. R. D. L. Co., L. Ry.....					
Kewaunee, G. B. & W.....	11,701		45,216		3,514
La Crosse & Southeastern.....			60,985		
Lake Superior T. & T.....					178,800
Laona & Northern.....					
Marathon County Ry. Co.....					
Marquette, T. & W.....					
Mineral Point & Northern.....					
Mpls., St. P. & S. S. M.....	2,815,257	2,473,955	387,296	14,226	486,231
Northern Pacific.....	13,202,582	9,570,037	858,199	10,740	4,631,418
Northwestern Coal Ry. Co.....					
R. L. & V. Co., L. Ry.....					
Robbins Co.....					
Stanley, Mer. & Phillips.....	15,152	136	25,010	288	34,208
Superior & Southeastern.....					
Tomahawk & Eastern.....					
Whitcomb & Morris.....					
Winona Bridge Ry. Co.....					
Wisconsin Central.....	2,784,954	1,887,053	64,589	407	930,841
Wisconsin & Michigan.....	105,575	134,886		554	18,885
Wisconsin & Northern.....			47,969		
Wisconsin, Ruby & S.....					
Waupaca-Green Bay.....					
Wisconsin Northwestern.....					
Mattoon Ry. Co.....					
Total.....	107,231,772	83,543,179	7,202,968	139,554	43,239,779

WHOLE LINE, 1908—Continued.

service. Total in revenue service— miles.	Non-revenue service locomotive— miles.	Car mileage—revenue service.			
		Freight car—miles.			
		Loaded.	Empty.	Caboose.	Total.
10,011	.....	44,370	41,859	.....	86,229
49,620	3,717	137,276	43,195	6,916	187,387
32,004	14,376	124,380	124,380	.....	248,760
.....
39,834,510	1,395,220	335,654,877	128,917,870	16,515,737	481,083,434
46,175,253	1,554,810	325,591,727	132,301,761	17,113,570	475,007,061
9,045,023	219,558	59,035,207	20,908,290	3,375,115	83,408,021
42,911,983	1,997,810	376,533,520	157,460,380	15,845,242	549,839,142
.....	.....	10,985,070	8,900,964	.....	19,886,034
.....	.....	31,213	19,518	.....	50,731
.....
.....
2,379,563	68,745	10,458,976	5,235,785	986,822	16,681,533
.....
22,656,436	1,636,137	250,428,909	75,900,538	9,402,852	335,732,597
473,916	10,380	2,370,043	657,805	150,817	3,178,635
1,000	100	4,263	4,263	1,000	9,536
11,272	.....	73,267	72,271	8,984	154,522
.....
36,892,180	586,122	322,235,087	145,909,117	17,488,004	485,633,103
11,806	.....	5,711	3,872	.....	9,583
.....
60,431	2,356	287,094	97,828	11,701	396,623
60,985	.....	.....	.....	.....	.....
178,800	.....	.....	.....	.....	.....
.....
.....
6,208,965	234,427	62,289,834	17,537,607	2,758,404	82,585,845
28,372,976	1,981,034	273,358,841	64,978,992	11,305,528	349,543,361
.....
.....
74,794	9,594	301,738	279,409	12,530	593,673
.....
.....
5,648,299	142,691	45,519,082	16,852,945	2,779,777	65,151,804
258,800	10,365	556,704	328,197	.....	834,901
.....
47,969	6,500	239,845	143,907	47,969	431,721
.....
.....
241,367,252	9,898,942	2,076,328,530	776,870,765	97,710,968	2,950,910,263

TRAFFIC AND MILEAGE STATISTICS,

Car Mileage—

Revenue Service—

Passenger Car Miles.

Name of Company.	Passenger.	Sleeping, parlor and observation.	Other passenger train cars.	Total.
Abbotsford & N. E.....	10,011			10,011
Ahnapee & Western.....	132,335			132,335
Ashland, Odanah & M.....			23,230	23,230
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chl., Milw. & St. P....	31,313,987	11,973,542	23,236,283	69,633,795
Chicago & N. W.....	41,993,283	14,205,552	29,118,424	85,319,259
C., St. P., M. & O.....	9,695,645	3,681,535	5,653,801	19,030,981
Chicago, Burl. & Q.....	40,579,635	20,823,444	30,439,550	91,842,628
Chicago, L. S. & E.....				
Chicago, Harv. & G. L.	45,305			45,305
Chicago & L. S.....				
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	1,578,585	819,937	1,473,080	3,871,602
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....	20,044,607	10,874,032	18,518,036	49,436,735
Green Bay & W.....	491,614		302,292	793,906
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.....			2,288	2,288
Hillsboro & N. E.....				
Illinois Central.....	32,698,121	10,732,852	18,814,585	62,305,558
Iola & Northern.....	11,803			11,803
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.....	103,073			103,073
La Crosse & S. E.....				
Lake Superior T. & T.....				
Laona & Northern.....				
Marathon Co. Ry. Co.....				
Marinette, T. & W.....				
Mineral Point & N.....				
M., St. P. & S. S. M.....	5,192,357	4,494,146	4,401,488	14,088,991
Northern Pacific.....	24,165,816	15,650,090	21,163,855	60,979,761
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.....				
Stanley, M. & P.....	33,155			33,155
Superior & S. E.....				
Tomahawk & Eastern ..				
Whitcomb & Morris ..				
Winona Bridge Ry. Co.				
Wisconsin Central.....	4,546,184	2,015,210	3,231,420	9,792,814
Wisconsin & Michigan ..	268,772			268,772
Wisconsin & Northern..	47,960			47,960
Wisconsin, R. & S.....				
Waupaca-Green Bay ..				
Wisconsin N. W.....				
Mattoon Ry. Co.....				
Total	218,687,898	95,333,406	159,408,473	467,779,777

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Continued.

Continued.

Special Car—Miles.

[illegible]

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Car mileage—Concluded.			
	Revenue service—concluded.			Non-revenue service car-miles.
	Special car-miles—Concluded		Total in revenue service.	
Other passenger-train cars.	Total.			
Abbotsford & N. E.....			96,240	
Ahnapee & Western.....			319,753	18,585
Ashland, Odunah & M.....			272,050	
Bayfield Transfer.....				
Big Falls R'y Co.....				
C., M. & St. P.....	10,003	85,603	550,897,882	16,705,980
Chicago & Northwestern.....	952	379,632	530,705,942	10,566,148
C., St. P., M. & O.....		75,672	102,515,274	2,437,141
Chi., Burl. & Quincy.....	6,274	307,888	642,049,688	
Chicago, L. S. & Eastern.....			19,881,634	
Chi., Harv. & G. Lake.....			93,036	
Chicago & Lake Superior.....				
Chippewa River & N.....				
Chippewa Valley & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	1,192	10,525	20,533,740	181,635
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....	8,963	197,302	385,426,336	21,236,071
Green Bay & Western.....			3,975,571	51,900
Hawth'ne, Neb. & Sup.....			9,526	
Hazelhurst & S. E.....			153,810	
Hillsboro & N. E.....				
Illinois Central.....		322,395	548,261,094	4,722,256
Iola & Northern.....			21,383	
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....			500,296	11,780
La Crosse & S. E.....				
Lake Sup. T. & Trans.....				
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, Tom. & W.....				
Mineral Point & N.....				
M., St. P. & S. Ste. M.....	4,480	54,808	93,731,644	1,305,003
Northern Pacific.....	6,906	127,830	410,650,988	4,857,767
N. W. Coal R'y Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....		132	626,000	83,451
Superior & S. E.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central.....		13,058	74,957,676	4,148,680
Wisconsin & Michigan.....			1,153,673	
Wisconsin & Northern.....			479,680	6,500
Wisconsin, Ruby & S.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total.....	38,775	1,574,875	3,420,264,910	66,333,867

WHOLE LINE, 1908—Continued.

Train mileage.					
Revenue service.					Non-revenue service train-miles.
Freight train-miles.	Passenger train-miles.	Mixed train-miles.	Special train-miles.	Total revenue train mileage.	
6,916		10,011		10,011	
		42,704		49,680	3,717
		23,229		23,229	14,376
16,712,290	11,972,455	1,483,921	10,462	30,184,128	8,632,643
16,998,919	16,864,670	1,483,751	22,145	34,872,483	1,514,610
3,369,291	8,134,511	533,323	4,307	7,131,482	249,451
15,975,838	15,815,651	1,212,110	21,387	32,574,981	1,401,521
611,213				611,213	58,752
50,731	45,305			93,033	
977,933	903,211	14,147	1,305	1,837,146	63,745
9,228,134	8,122,781	810,699	15,614	19,177,233	1,010,305
151,785	138,650	135,648		426,083	19,380
8,064		1,000		1,000	109
		2,283		11,272	
16,965,493	11,724,170	203,689	19,034	28,912,387	450,314
		11,806		11,806	
11,701		45,218		51,917	2,351
		60,935		60,935	
		14,352		14,352	2,675
2,771,502	2,470,662	352,059	3,858	5,598,081	76,182
11,115,133	9,061,828	832,310	11,697	21,040,978	1,701,791
15,054	198	21,727	283	40,205	7,245
		12,937		12,937	1,252
2,676,119	1,837,053	64,939	497	4,578,613	112,691
123,830	134,381		554	258,800	10,315
		47,979		47,979	6,500
97,830,819	81,275,559	7,511,903	111,558	183,729,919	15,955,989

TRAFFIC AND MILEAGE STATISTICS.

Name of Company.	Average number of passengers per car-mile.	Average number of passengers per train-mile.	Average number of passenger cars per train-mile.	Average number of tons of freight per loaded car-mile.
Abbotsford & N. E.....	9.00	9.00	1.00	25.90
Ahnapee & Western.....	8.00	24.00	8.00	8.99
Ashland, Odanah & M. Bayfield Transfer				
Big Falls Ry. Co.....				
Chi., Milw. & St. P....	9.00	46.00	5.17	14.84
Chicago & Northwestern	10.19	48.70	4.78	14.84
Chi., St. P., M. & O....	10.00	50.00	5.11	15.73
Chi., Burlington & Q....	10.97	60.76	5.54	17.54
Chi., L. S. & Eastern.....				
Chi., Harv. & Geneva L. Chi., & Lake Superior.				
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic..	10.00	42.00	4.22	17.28
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern.....	9.00	55.00	5.53	20.49
Green Bay & W.....	8.00	21.00	2.90	14.80
Haw., Nebag. & Sup....				3.00
Hazelhurst & S. E.....			1.00	8.83
Hillsboro & N. E.....				
Illinois Central.....	9.00	50.00	5.22	18.74
Iola & Northern.....	3.00	3.00	1.00	9.82
J. R. D. L. Co., L. Ry. Kewaunee, G. B. & W. La Crosse & S. E.....	14.00	32.00	2.20	16.12
Lake Superior T. & T. Laona & Northern.....				
Marathon Co. Ry. Co....		9.00		
Marinette, T. & W.....				
Mineral Point & N.....				
M., St. P. & S. Ste. M. Northern Pacific	9.00	45.00	4.99	15.44
	13.03	80.12	6.15	18.86
N. W. Coal Ry. Co.....				
R. L. & V. Co., L. Ry. Robbins Ry. Co.....				
Stanley, Merrill & Phil. Superior & Southeastern	8.00	10.00	1.33	22.80
Tomahawk & Eastern....		2.00		
Whitcomb & Morris....				
Winona Bridge Ry. Co....				
Wisconsin Central.....	9.00	45.00	5.15	18.75
Wisconsin & Michigan..	5.00	11.00	2.00	22.31
Wisconsin & Northern..	7.00	7.00	1.00	3.00
Wis., Ruby & Southern				
Waupaca-Green Bay ...				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	10.31	54.38	5.27	17.28
No. of roads reporting..	19	23	21	21

WHOLE LINE, 1906- concluded.

Average number of tons of freight per train-mile.	Average number of freight cars per train-mile.	Average number of loaded cars per train-mile.	Average number of empty cars per train-mile.	Average mileage operated during year.
114.81	8.61	4.43	4.18	15.16
24.88	8.78	2.77	.87	34.00
		5.33	5.83	30.00
273.59	25.52	18.44	7.08	7,479.23
261.38	25.08	17.61	8.07	7,650.84
232.59	20.89	14.79	6.10	1,725.22
384.26	31.99	21.91	9.16	8,977.25
	31.01	17.13	13.88	579.63
				8.18
182.19	16.81	10.54	5.28	594.86
				38.00
511.22	33.45	24.95	7.57	6,514.56
122.03	11.06	8.25	2.29	225.00
12.00	8.00	4.00	4.00	7.35
57.41	12.91	6.49	6.42	24.20
351.71	28.29	18.77	8.50	4,420.46
4.75	.81	.48	.33	4.70
81.33	6.97	5.04	1.72	36.70
				42.61
				21.05
40.00				25.00
				30.00
307.96	26.44	19.94	5.61	2,303.91
430.87	29.21	22.84	5.43	5,633.33
				8.00
				12.50
173.37	14.92	7.58	7.02	59.54
27.90				20.71
289.04	23.77	16.60	7.17	1,022.74
100.28	7.14	4.49	2.65	133.96
14.58	8.00	5.00	3.00	25.25
				9.85
				29.36
395.32	30.98	21.79	8.16	47,743.35
22	23	23	23	33

WISCONSIN FREIGHT TRAFFIC
(Companies' Material Excluded) as Reported to the Railroad
Products of

Name of Company.	Freight originating on this road in Wisconsin. Whole tons.	Grain.		Total freight tonnage. Whole tons.	Per cent.
		Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.			
Abbotsford & Northeastern.....					
Abnapee & Western.....	4,099	2,482	6,581	11.54	
Ashland, Odanah & Marengo.....		80	80	0.01	
Bavfield Transfer.....					
Big Falls Ry. Co.....					
Chicago, Milwaukee & St. Paul....	295,732		295,732	4.12	
Chicago & Northwestern.....	104,674	239,653	344,327	3.75	
Chicago, St. Paul, Minneapolis & O.	104,497	63,063	166,560	7.23	
Chicago, Burlington & Quincy.....					
Chicago, Lake Shore & Eastern.....					
Chicago, Harvard & Geneva Lake..					
Chicago & Lake Superior.....		20	20	.80	
Chippewa River & Northern.....					
Chippewa Valley & Northern.....					
Drummond & Southwestern.....					
Duluth, South Shore & Atlantic....	1,590	9,174	10,764	3.09	
Dunbar & Wausaukee.....					
Fairchild & Northeastern.....	838	626	1,464	7.83	
Great Northern.....					
Green Bay & Western.....	22,102	14,122	36,224	9.50	
Hawthorne, Nebagamon & Superior ¹					
Hazelhurst & Southeastern.....		208	208	.16	
Hillsboro & Northeastern.....					
Illinois Central.....	201	2,514	2,715	1.47	
Iola & Northern.....	150	212	371	3.19	
J. R. Davis Lum. Co., Logging Ry.					
Keweenaw, Green Bay & Western..	5,620	21,712	27,332	17.23	
La Crosse & Southeastern.....	250	455	711	2.87	
Lake Superior Terminal & Transfer					
Laona & Northern.....					
Marathon County Ry. Co.....					
Marinette, T. & W.....		702	702	.70	
Mineral Point & Northern.....	81	56	137	.11	
Minneapolis, St. Paul & S. Ste. M.	74,580	1,215	75,881	5.45	
Northern Pacific.....	18,383	229,672	258,055	13.23	
Northwestern Coal Ry. Co.....					
Roddis L. & V. Co., Logging Ry..					
Robbins Ry. Co.....					
Stanley, Merrill & Phillips.....	217	301	518	.17	
Superior & Southeastern.....					
Tomahawk & Eastern.....		109	109	.42	
Whitcomb & Morris.....					
Wisconsin Central.....	30,440	106,395	136,835	3.31	
Wisconsin & Michigan.....	56	247	303	.11	
Wisconsin & Northern.....	24	322	346	.83	
Wisconsin, Ruby & Southern.....					
Waupaca-Green Bay.....					
Wisconsin Northwestern.....					
Mattoon Ry. Co.....					
Total	663,558	702,420	1,365,978	4.64	

¹ No traffic after September 20, 1907.

REPORT OF THE RAILROAD COMMISSION.

889

MOVEMENT, 1908.

Commission for the Year Ending June 30, 1908.

Agriculture.

Freight originating on this road in Wisconsin—Whole tons.	Flour.		Total freight tonnage.	Per cent.	Freight originating on this road in Wisconsin—Whole tons.	Other mill products.		Total freight tonnage.	Per cent.
	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Whole tons.				Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Whole tons.		
46	863	909	1.50			148	148	0.23	
143,289		143,390	2.00		153,074		153,074	2.22	
13,928	78,377	22,325	1.00		33,629	66,336	91,965	1.09	
23,149	12,295	35,444	1.56		32,837	20,134	52,971	2.33	
	200	200	8.04			100	100	4.02	
9,073	7,408	16,541	4.32		2,379	11,005	13,934	4.02	
					30	258	298	1.55	
2,833	3,120	5,953	1.56		699	1,938	2,637	.19	
	274	274	.22			262	262	.21	
17	2,415	2,432	1.32		40	1,849	1,880	1.02	
118	295	413	3.46			31	31	.25	
1,242	822	2,064	1.30		207	3,394	3,001	2.27	
45	811	856	3.34			9	9	.03	
	341	341	.34			150	150	.15	
16	675	691	.58		13	47	60	.05	
245,132	2,339	247,471	17.77		26,124	817	26,941	1.93	
5,368	5,036	10,404	.54		4,785	5,128	9,913	.51	
	185	185	.07		36	47	83	.03	
	119	119	.40						
5,159	103,911	199,080	4.82		9,589	48,945	58,434	1.41	
45	17	62	.02		35	12	47	.02	
3	227	230	.52			34	34	.03	
449,554	309,820	759,374	2.68		230,377	161,144	450,521	1.46	

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Hay.			
	Freight originating on this road in Wiscon- sin. Whole tons.	Freight re- ceived from this road, originating outside of Wisconsin— and all other freight re- ceived from connecting roads and other car- riers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western	2,133		2,133	3.74
Ashland, Odanah & Marengo		290	290	.04
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	34,549		34,549	.48
Chicago & Northwestern	33,499	10,228	43,727	.48
Chicago, St. Paul, Mpls. & Omaha ..	13,047	42,267	55,314	2.43
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake ..	88		88	.11
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	1,910	11,506	13,416	3.86
Dunbar & Wausaukee				
Fairchild & Northeastern	607		607	3.26
Great Northern				
Green Bay & Western	2,882	54	2,936	.77
Hawthorne, Nebagamon & Superior ..				
Hazelhurst & Southeastern		1,121	1,121	.88
Hillsboro & Northeastern				
Illinois Central	356	217	573	.81
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	4,402	302	4,764	3.00
La Crosse & Southeastern	20	86	106	.42
Lake Superior Terminal & Transfer ..				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ..		430	430	.44
Mineral Point & Northern		31	31	.02
Mpls., St. Paul & Sault Ste. Marie ..	15,817	135	15,952	1.15
Northern Pacific	891	6,932	7,843	.40
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	416	25	441	.14
Superior & Southeastern				
Tomahawk & Eastern		97	97	.38
Whitcomb & Morris				
Wisconsin Central	23,439	2,309	25,648	.62
Wisconsin & Michigan	79	366	445	.18
Wisconsin & Northern	34	315	349	.75
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	134,229	76,640	210,869	.71

REPORT OF THE RAILROAD COMMISSION.

891

MOVEMENT, 1908—Continued.

Agriculture—Continued.

Tobacco.				Fruit and vegetables.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight received from connecting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight received from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
				9,116	386	9,502	16.66
35,153		35,153	.49	47,239		47,239	.06
7,508	924	8,522	.09	85,410	16,722	102,132	1.11
	389	389	.02	13,516	30,089	52,005	2.31
187		187	.07	450		450	19.00
				318	4,022	4,340	1.24
				823	12	835	4.49
718	36	754	.20	49,489	3,224	52,713	13.83
	8	8			98	98	.07
	73	73	.04	223	1,067	1,290	.70
				6,061		6,061	50.79
	233	233	.15	7,410	6,090	13,500	8.51
1,004		1,004	4.26	550	20	570	2.22
				85	12	97	.10
				12	81	93	.08
	121	121	.01	13,021	2,912	15,933	1.14
				2,505	10,495	13,000	.67
				15		15	
504	776	1,280	.03	89,326	10,770	100,096	2.42
				37		37	.01
					12	12	.03
45,254	2,555	47,809	.16	325,666	95,002	420,668	1.43

WISCONSIN FREIGHT TRAFFIC

Products of Agriculture—Concluded.

Name of Company.	Cotton and other products of agriculture.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western	1,793	100	1,893	3.32
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	75,696		75,696	1.03
Chicago & Northwestern	144,367	36,141	180,508	1.96
Chicago, St. Paul, Mpls. & Omaha	375	1,269	1,644	.08
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic				
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western	3,114	365	3,479	.91
Hawthorne, Nebagamon & Superior				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central				
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	1,837	3,016	4,853	3.06
La Crosse & Southeastern				
Lake Superior Terminal & Transfer ..				
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & Western ..				
Mineral Point & Northern	201	253	454	.83
Mpls., St. Paul & Sault Ste. Marie ..	436	1,428	1,864	.14
Northern Pacific		21	21	
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central				
Wisconsin & Michigan	573		573	.22
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	228,412	42,503	271,005	.92

¹ Including eggs.

MOVEMENT, 1908—Continued.

Products of Animals.

[illegible]

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Live Stock.			
	Freight originating on this road in Wiscon- sin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western	1,000	48	1,048	3.42
Ashland, Odanah & Marengo	56		56	.07
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	190,844		190,844	2.60
Chicago & Northwestern	133,282	16,794	150,076	1.63
Chicago, St. Paul, MoIs. & Omaha ..	7,376	25,495	32,871	1.45
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake ..	420		420	.55
Chicago & Lake Superior	1,520		1,520	61.14
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic ...	229	116	345	.60
Dunbar & Wausaukee				
Fairchild & Northeastern	423	21	444	2.70
Great Northern				
Green Bay & Western	12,396	400	12,796	3.76
Hawthorne, Nebacamon & Superior ..				
Hazelhurst & Southeastern		41	41	.03
Hillsboro & Northeastern				
Illinois Central	11,559	501	12,060	8.12
Iola & Northern	775		775	6.40
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	1,833	1,165	3,018	1.90
La Crosse & Southeastern	2,323	40	2,323	9.05
Lake Superior Terminal & Transfer ..				
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & Western ...				
Mineral Point & Northern	3,240	273	3,513	2.78
MoIs., St. Paul & Sault Ste. Marie ..	6,004	320	7,323	.53
Northern Pacific	885	1,732	2,617	.14
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips	183		183	.09
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central	24,979	8,818	33,797	.82
Wisconsin & Michigan				
Wisconsin & Northern		33	33	.03
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	404,806	55,800	460,016	1.86

MOVEMENT, 1908—Continued.

Animals—Continued.

Freight originating on this road in Wisconsin. Whole tons.	Dressed Meats.			Other packing house products.			
	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originat- ing on this road in Wisconsin Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
				133	164	297	.02
	33	33	.04				
22,027		22,027	.31	13,326		13,326	.19
77,411	1,186	78,597	.86	8,810	493	9,303	.10
2,540	644	3,184	.14	3,900	9,858	13,758	.61
	3,616	3,616	1.04		522	522	.15
				281		281	.06
	9	9			38	38	.01
				59	13	72	.01
1	27	28	.03		8	8	
16,819	407	17,226	1.24	2,164	290	2,454	.17
73	355	428	.02		231	231	.01
680	2,981	3,661	.09	1,455	3,903	5,358	.12
119,551	9,843	129,394	.44	80,078	15,540	95,618	.15

WISCONSIN FREIGHT TRAFFIC

Products of

Name of Company.	Poultry, game and fish.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	Per cent.
Abbotsford & Northeastern				
Annapee & Western	77		77	.14
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	1,136		1,136	.02
Chicago & Northwestern	2,247	1,810	4,057	.04
Chicago, St. Paul, Mpls. & Omaha ..	33	2,000	2,033	.00
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern				
Chicago, Harvard & Geneva Lake ..				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	346	122	468	.13
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western	257	118	375	.10
Hawthorne, Nebazamon & Superior ..				
Hazelhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central		13	13	.01
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western ..	318	325	643	.41
La Crosse & Southeastern	30		30	.11
Lake Superior Terminal & Transfer ..				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ..				
Mineral Point & Northern				
Mpls., St. Paul & Sault Ste. Marie ..	217	2,362	2,579	.19
Northern Pacific	51	378	399	.02
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central Ry. Co.	346	2,274	2,620	.07
Wisconsin & Michigan				
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	5,028	9,402	14,430	.05

MOVEMENT, 1908- Continued.

Animals—Concluded.

Wool.				Hides and leather.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
				59		59	.10
959		959	.01	8,814		8,814	.12
659	645	1,304	.01	17,829	14,678	32,507	.35
55	221	276	.01	105	855	960	.04
108	1,744	1,847	.53	17	83	100	.08
95		95	.02	290		290	.07
				1		1	
					26	26	.02
				25		25	.21
	50	50	.03	30	29	59	.64
20	10	30	.11				
				1,257	191	1,431	1.45
4		4		25		25	.02
280	8	288	.02	2,159	4,130	6,329	.45
	1,578	1,578	.08	27	337	364	.02
379	3,480	3,859	.09	5,803	9,293	15,096	.39
2,554	7,786	10,290	.08	36,471	29,425	65,896	.21

WISCONSIN FREIGHT TRAFFIC

Products

Name of Company.	Freight originating on this road in Wisconsin. Whole tons.	Anthracite coal.		
		Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	Per cent.
			Whole tons.	
Abbotsford & N. E.				
Ahnapee & Western		942	942	1.65
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. P.	236,693		236,693	4.14
Chicago, & N. W.	378,836	5,879	384,715	4.19
C., St. P., M. & O.	22,791	22,653	45,444	2.00
Chicago, Burl. & Q.				
Chicago, L. S. & E.				
Chicago, Harv. & G. L.				
Chicago & L. S.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.		2,039	2,039	.53
Dunbar & Wausaukee				
Fairchild & N. W.		146	146	.78
Great Northern				
Green Bay & W.	8,610	1,093	9,703	2.55
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.		226	226	.17
Hillsboro & N. E.				
Illinois Central		3,885	3,885	2.11
Iola & Northern		224	224	1.87
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.	1,612	743	2,355	1.48
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marquette, T. & W.				
Mineral Point & N.		15,220	15,220	12.68
M., St. P. & S. S. M.		1,575	1,575	.11
Northern Pacific	281,489	13,149	294,638	15.16
N. W. Coal Ry. Co.	50,308		50,308	13.67
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, M. & P.		44	44	.01
Superior & S. E.				
Tomahawk & Eastern		2,736	2,736	10.57
Whitcomb & Morris				
Wisconsin Central		76,305	76,305	1.85
Wisconsin & Michigan	179	21	200	.08
Wisconsin & Northern				
Wisconsin, R. & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	1,040,518	146,890	1,187,398	4.04

MOVEMENT, 1908.—Continued
of Mines.

Freight originat- ing on this road in Wiscon- sin. Whole tons.	Bituminous coal.		Coke.		Total freight tonnage.	
	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons. Per cent.	Freight originat- ing on this road in Wiscon- sin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons. Per cent.	
	4,469	4,469 7.81				
695,415		695,415 9.70	279,676		279,676 3.90	
739,400	60,009	799,409 8.70	101,532	4,314	105,846 1.15	
114,776	38,102	152,878 6.72	17,082	1,290	18,372 .81	
	9,689	9,689 2.39				
	5,280	5,280 1.51	82		82 .02	
	1,693	1,696 9.23				
95,588	22,101	117,689 30.88	17	228	245 .07	
	228	228 .17				
	65,940	65,940 35.73		418	448 .21	
	207	207 1.73				
29,088	10,446	39,534 24.92				
	6,535	6,535 25.49				
114	1,272	1,386 1.30				
369	22,002	22,371 18.64				
	114,518	114,518 8.22		1,806	1,806 .14	
613,762	111,852	725,614 37.33	13,108	7,573	20,717 1.07	
317,640		317,640 93.33				
15	4,333	4,351 1.43				
	333,618	333,618 8.06	9,974	2,698	12,672 .30	
4,311	25,207	29,518 11.40		1,608	1,608 .61	
	495	495 1.25				
2,610,478	838,072	3,448,550 11.74	421,531	20,061	441,592 1.50	

WISCONSIN FREIGHT TRAFFIC

Products of Mines—Continued.

Name of Company.	Ores.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.
Abbotsford & N. E.				
Ahnapee & Western				
Ashland, Odanah & M.				
Bayfield Transfer				
Big Falls Ry. Co.				
Chi., Milw. & St. P.	187,000		187,000	2.61
Chicago & N. W.	444,228	1,031	445,259	4.55
C., St. P., M. & O.	29,214	201	29,415	1.29
Chicago, Burl. Q.				
Chicago, L. S. & E.				
Chicago, Harv. & G. L.				
Chicago & L. S.				
Chippewa R. & N.				
Chippewa V. & N.				
Drummond & S. W.				
Duluth, S. S. & Atl.	402		402	.11
Dunbar & Wausaukee				
Fairchild & N. E.				
Great Northern				
Green Bay & W.				
Hawthorne, Nebag. & S.				
Hazelhurst & S. E.				
Hillsboro & N. E.				
Illinois Central	1,000		1,000	.50
Iola & Northern				
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.				
La Crosse & S. E.				
Lake Superior T. & T.				
Laona & Northern				
Marathon Co. Ry. Co.				
Marinette, T. & W.				
Mineral Point & N.	26,622	29,456	56,078	46.74
M., St. P. & S. S. M.		5,723	5,723	.41
Northern Pacific		22,940	22,940	1.15
N. W. Coal Ry. Co.				
R. L. & V. Co., L. Ry.				
Robbins Ry. Co.				
Stanley, M. P.				
Superior & S. E.				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central	448,923	300,851	749,774	18.17
Wisconsin & Michigan				
Wisconsin & Northern				
Wisconsin, R. & S.				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	1,137,679	390,210	1,497,689	5.00

MOVEMENT, 1908.—Continued

Products of mines, concluded.				Products of forest.			
Stone, sand and other like commodities.				Lumber, lath and shingles.			
Freight originat- ing on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originat- ing on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
270	81	351	.82	410	4,487	4,917	8.50
30		30	.03	74,788		74,788	9.83
612,080		612,080	8.54	438,935		438,935	6.12
604,388	34,481	638,870	6.93	507,933	244,445	752,378	8.19
18,733	11,851	30,500	1.35	68,403	150,532	218,965	9.63
	24,982	24,982	6.18		322	322	.08
51,702		51,702	63.74				
				15,000		15,000	21.00
35,467	7,360	42,827	12.31	53,523	43,679	97,202	27.93
180		180	.96	1,423	20	1,032	8.76
4,828	1,902	6,730	1.76	7,870	8,351	16,230	4.23
				11,662		11,662	95.59
				55,278	67	55,345	43.58
	3,578	3,578	1.94	3,883	10,912	14,795	8.02
12	25	37	.31	510	16	526	4.90
5,235	275	5,511	3.47	4,019	3,543	7,562	4.77
947		947	3.69	584	2,608	3,282	12.80
				27,319	58,007	85,416	85.54
40	504	544	.45	30	2,546	2,576	2.15
2,865	2,050	4,924	.35	491,722	109,182	600,904	43.15
16,617	8,691	25,308	1.30	31,582	46,254	77,836	4.01
121		121	.04	27,331	134	27,465	9.01
	100	100	.39	12,426	8,655	21,081	31.39
97,663	9,508	107,201	2.80	215,372	185,430	400,802	9.71
106	2,157	2,262	.87	37,684	1,981	39,668	15.28
	120	120	.18	6,853	658	7,511	17.97
1,451,815	107,680	1,559,995	5.30	3,094,608	882,181	3,976,789	10.13

WISCONSIN FREIGHT TRAFFIC

Products of Forest—concluded.

Name of Company.	Other products of forest.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.
Abbotsford & N. E.....	61,624	4,342	68,966	90.00
Ahnapee & Western.....	2,241	2,874	5,115	9.00
Ashland, Odanah & M.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chi., Milw. & St. P.....	985,830		985,880	13.75
Chicago & N. W.....	1,939,153	339,980	2,339,136	21.43
C., St. P. M. & O.....	910,581	42,416	952,997	41.92
Chicago, Burl. & Q.....				
Chicago, L. S. & Eastern.....				
Chi., Harv. & Geneva Lake.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....	53,000	3,500	53,500	70.00
Drummond & Southwestern.....	32,620		32,620	98.50
Duluth, South Shore & Atlantic.....	56,201	8,605	64,863	18.62
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	7,767	271	8,038	42.24
Great Northern.....				
Green Bay & Western.....	13,323	10,401	23,723	6.23
Hawthorne, Nebag. & Superior.....	510		510	4.17
Hazlhurst & Southeastern.....	67,728	361	68,089	53.61
Hillshoro & Northeastern.....				
Illinois Central.....				
Iola & Northern.....	663	44	707	5.92
J. R. Davis Lbr. Co., Logging R'y.....				
Kewaunee, Green Bay & Western.....	2,921	2,302	5,223	3.20
La Crosse & Southeastern.....				
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County R'y Co.....				
Marquette, Tomahawk & Western.....				
Mineral Point & Northern.....	292	210	502	.42
Mpls., St. Paul & Sault Ste. M.....	10,276	2,446	12,722	.91
Northern Pacific.....	53,688	105,726	165,414	8.51
Northwestern Coal R'y Co.....				
Roddis Lbr. & V. Co., Logging R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & Phillips.....	240,158	11,483	230,611	85.53
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Wisconsin Central.....	500,984	230,526	721,511	17.47
Wisconsin & Michigan.....	144,465	20,792	167,257	64.45
Wisconsin & Northern.....	23,075	6,344	29,419	67.80
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total	5,187,165	782,706	5,969,871	20.32

MOVEMENT, 1908.—Continued

Manufactures.

Petroleum and other oils.				Sugar.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
	463	463	.81	18	352	370	.65
5,566	17,785	23,933	.26	14,246	3,214	17,460	.19
6,138	2,522	8,193	.36	4,133	701	4,834	.21
5,677							
	16	16					
13	38	51	.01		2,584	2,584	.74
	49	49	.30				
20	2,008	2,037	.54	1,551	1,820	3,371	.83
	176	176	.14		62	62	.05
14	1,335	1,349	.73		1,543	1,543	.81
					218	218	1.82
197	660	857	.54	1,901	167	2,068	1.30
19	49	68	.07		56	56	.03
2	110	112	.09		17	17	.01
15,696	8,057	8,057	.58		3,629	3,629	.28
	4,100	19,796	1.02		4,977	4,977	.26
	84	84	.03				
	130	130	.50				
1,475	35,078	36,553	.89	5,897	17,853	23,750	.58
	2,108	2,108	.81				
34,826	74,768	109,594	.37	27,746	37,193	64,939	.22

WISCONSIN FREIGHT TRAFFIC

Manufactures—

Name of Company.	Iron, pig and bloom.		Total freight tonnage.	
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connecting roads and other carriers. Whole tons.	Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	1302,631		1,027,731	4.22
Chicago & Northwestern	40,219	91,937	132,190	1.44
Chicago, St. Paul, Mpls. & Omaha	658	11,218	11,976	.52
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern	36,818	390	37,208	9.20
Chicago, Harvard & Geneva Lake ..				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	1,156	3,726	4,882	1.40
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western				
Hawthorne, Nebagamon & Superior ..				
Hazellhurst & Southeastern				
Hillsboro & Northeastern				
Illinois Central		317	317	.1
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western				
La Crosse & Southeastern		111	111	.43
Lake Superior Terminal & Transfer.				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western ...	142	101	243	.24
Mineral Point & Northern				
Mpls., St. Paul & Sault Ste. Marie.	8,405	3,469	11,874	.85
Northern Pacific	2,660	3,042	5,702	.29
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern	163		163	.65
Whitcomb & Morris				
Wisconsin Central	1,940	7,405	9,344	.21
Wisconsin & Michigan		44	44	.02
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	394,826	121,820	516,646	1.76

* Includes other iron and steel.

MOVEMENT, 1908.—Continued
Continued.

Iron and steel rails.				Other castings and machinery.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
	20	20	.08	72	232	304	.64
				88,339		88,370	1.23
9,454	18,847	28,301	.31	97,932	16,507	114,439	1.25
4,754	6,672	11,426	.50	4,708	10,501	15,209	.67
23,249	23,388	46,637	11.54	4,239	128,217	132,456	32.79
318	298	616	.18	635	2,219	2,854	.82
				690		690	3.71
957		957	.25	601	1,000	1,601	.50
				82	6	143	.11
				204	1,233	1,437	.81
				30	12	42	.35
733	20	753	.47	752	229	981	6.1
	212	212	.82				
	26	26	.03		463	463	.47
5	111	116	.10	188	537	725	.61
	6,778	6,778	.49	879	3,060	3,939	.28
315	12,757	13,072	.67	3,388	5,569	8,947	.46
	73	73	.02	72	225	297	.10
	15	15	.06				
3,003	11,854	14,857	.35	8,742	17,130	25,872	.63
467	96	563	.22	265	850	1,215	.44
					15	15	.01
43,255	81,167	124,422	.42	211,906	188,520	400,518	1.36

WISCONSIN FREIGHT TRAFFIC

Manufactures—

Name of Company.	Iron, pig and bloom.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	1302,631		1302,631	4.22
Chicago & Northwestern	40,219	91,937	132,190	1.44
Chicago, St. Paul, Mpls. & Omaha	658	11,218	11,976	.52
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern	36,818	399	37,205	9.20
Chicago, Harvard & Geneva Lake ..				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic	1,156	3,726	4,882	1.40
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western				
Hawthorne, Nebagamon & Superior ..				
Hazelhurst & Southeastern				
Hillshoro & Northeastern				
Illinois Central		317	317	.1
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry. ..				
Kewaunee, Green Bay & Western				
La Crosse & Southeastern		111	111	.43
Lake Superior Terminal & Transfer. ..				
Laona & Northern				
Marathon County Ry. Co.				
Marquette, Tomahawk & Western ...	142	101	243	.24
Mineral Point & Northern				
Mpls., St. Paul & Sault Ste. Marie. .	8,405	3,469	11,874	.85
Northern Pacific	2,600	3,042	5,702	.29
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern	168		168	.65
Whitcomb & Morris				
Wisconsin Central	1,999	7,465	9,434	.21
Wisconsin & Michigan		44	44	.02
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	394,826	121,820	516,646	1.76

¹ Includes other iron and steel.

REPORT OF THE RAILROAD COMMISSION.

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MOVEMENT, 1908.—Continued
Continued.

Iron and steel rails.				Other castings and machinery.			
Freight originat- ing on this road in Wisconsin Whole tons.	Freight re- ceived from this road originating outside of Wisconsin and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.		Freight originat- ing on this road in Wiscon- sin. Whole tons.	Freight re- ceived from this road originating outside of Wisconsin and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons	Per cent.
	20	20	.08	72	232	304	.64
				88,339		88,370	1.23
9,454	18,847	28,301	.31	97,952	16,507	114,459	1.25
4,754	6,672	11,426	.50	4,708	10,501	15,209	.67
23,219	23,388	46,637	11.54	4,239	128,217	132,506	32.79
318	298	616	.18	635	2,219	2,854	.82
				690		690	3.71
957		957	.25	601	1,000	1,601	.50
				82	6	143	.11
				204	1,233	1,437	.81
				30	12	42	.35
733	20	753	.47	752	229	981	.61
	212	212	.82				
	26	26	.03		463	463	.47
5	111	116	.10	188	587	725	.61
	6,778	6,778	.49	879	3,000	3,931	.28
315	12,757	13,072	.67	3,383	5,559	8,947	.45
	73	73	.02	72	225	297	.10
	15	15	.06				
3,003	11,854	14,857	.35	8,742	17,130	25,872	.63
467	96	563	.22	363	850	1,215	.44
					15	15	.01
43,255	81,167	124,422	.42	211,906	188,520	400,518	1.36

WISCONSIN FREIGHT TRAFFIC

Manufactures—

Name of Company.	Bar and sheet metal.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight re- ceived from this road - originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern				
Ahnapee & Western				
Ashland, Odanah & Marengo				
Bayfield Transfer				
Big Falls Ry. Co.				
Chicago, Milwaukee & St. Paul	10,485		10,485	.15
Chicago & Northwestern	2,451	8,340	10,791	.12
Chicago, St. Paul, Mpls. & Omaha	2,294	2,147	4,441	.20
Chicago, Burlington & Quincy				
Chicago, Lake Shore & Eastern	132,852	351	133,203	32.95
Chicago, Harvard & Geneva Lake				
Chicago & Lake Superior				
Chippewa River & Northern				
Chippewa Valley & Northern				
Drummond & Southwestern				
Duluth, South Shore & Atlantic		41	41	.01
Dunbar & Wausaukee				
Fairchild & Northeastern				
Great Northern				
Green Bay & Western	827	615	1,442	.38
Hawthorne, Nebagamon & Superior	4		4	.03
Hazelhurst & Southeastern		51	51	.04
Hillsboro & Northeastern				
Illinois Central	111	1,417	1,528	.53
Iola & Northern				
J. R. Davis Lbr. Co., Logging Ry.				
Kewaunee, Green Bay & Western	613	374	987	.62
La Crosse & Southeastern				
Lake Superior Terminal & Transfer				
Laona & Northern				
Marathon County Ry. Co.				
Marinette, Tomahawk & Western		10	10	.01
Mineral Point & Northern	3		3	
Mpls., St. Paul & Sault Ste. Marie	496	4,048	4,544	.33
Northern Pacific	681	1,884	2,565	.13
Northwestern Coal Ry. Co.				
Roddis L. & V. Co., Logging Ry.				
Robbins Ry. Co.				
Stanley, Merrill & Phillips				
Superior & Southeastern				
Tomahawk & Eastern				
Whitcomb & Morris				
Wisconsin Central	1,458	15,015	16,473	.40
Wisconsin & Michigan	30	1,447	1,477	.56
Wisconsin & Northern				
Wisconsin, Ruby & Southern				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.				
Total	152,805	85,740	188,045	.64

MOVEMENT, 1908—Continued.
Continued.

Cement, brick and lime.				Agricultural implements.			
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.		Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage.	
		Whole tons.	Per cent.			Whole tons.	Per cent.
468	601	1,069	1.87	10	156	166	.29
195,013	116,922	311,935	2.54	19,070	5,102	24,172	.27
220,496	9,808	230,304	3.67	30,407	8,607	39,014	.30
34,607	3,019	37,626	1.95	8,914	7,521	16,435	.83
			.75				
11,546	9,553	21,099	6.07	96	96	192	.03
	508	508	2.73				
1,899	12,450	14,349	3.68	169	709	878	.23
	52	52	.04				
86	18,112	18,198	7.15	274	1,286	1,560	.85
26	549	575	4.81	12	57	69	.57
4,918	450	5,368	3.38	64	68	132	.08
40	1,522	1,562	6.32		45	45	.17
	392	392	.39				
46	1,319	1,365	1.14	17	104	121	.10
3,353	14,713	18,066	1.30		1,371	1,371	.10
10,970	58,000	68,970	3.55	112	215	327	.02
5,923	15	5,938	1.05		41	41	.01
	275	275	1.06				
47,422	46,640	94,062	2.28	867	10,006	10,873	.27
43	2,516	2,559	.99		521	521	.20
18	373	391	.91				
536,374	292,856	829,230	2.82	54,910	23,494	78,404	.26

WISCONSIN FREIGHT TRAFFIC

Manufacturers,

Name of Company.	Wagons, carriages, tools, etc.			
	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin and all other freight rec'd from connecting roads and other carriers. Whole tons.	Total freight tonnage.	
			Whole tons.	Per cent.
Abbotsford & Northeastern.....				
Ahnapee & Western.....		74	74	0.13
Ashland, Odanah & Marengo.....				
Bayfield Transfer.....				
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul.....	36,020		36,020	.50
Chicago & Northwestern.....	41,533	14,311	55,849	.61
Chicago, St. Paul Mpls. & O.....	646	3,899	4,545	.20
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva L.....				
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....				
Duluth, South Shore & Atlantic.....		100	100	.03
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....				
Great Northern.....				
Green Bay & Western.....	20	137	157	.04
Hawthorne, Nebagamon & Superior.....				
Hazelhurst & Southeastern.....		4	4	
Hillsboro & Northeastern.....				
Illinois Central.....	12	184	196	.11
Iola & Northern.....	10		10	.08
J. R. Davis Lum. Co., Logging Ry.....				
Kewaunee, Green Bay & Western.....	104	64	168	.11
La Crosse & Southeastern.....	12	52	64	.25
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County Ry. Co.....				
Marquette, Tomahawk & Western.....				
Mineral Point & Northern.....	9	13	22	.02
Mpls., St. Paul & Sault Ste. M.....	19	331	350	.03
Northern Pacific.....	198	299	497	.03
Northwestern Coal Ry. Co.....				
Roddis L. & V. Co., Logging Ry.....				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	221		221	.07
Superior & Southeastern.....				
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Wisconsin Central.....	1,925	2,006	4,531	.11
Wisconsin & Michigan.....		172	172	.06
Wisconsin & Northern.....				
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay.....				
Wisconsin Northwestern.....				
Mattoon Ry. Co.....				
Total.....	80,734	22,246	102,980	.35

WISCONSIN FREIGHT TRAFFIC

Miscellaneous Commodities.				
Name of Company.	Freight originating on this road in Wisconsin. Whole tons.	Merchandise.		Total freight tonnage.
		Freight re- ceived from this road originating outside of Wisconsin— and all other freight rec'd from con- necting roads and other carriers. Whole tons.	Whole tons.	Per cent.
Abbotsford & Northeastern.....				
Ahnapee & Western.....	4,850	4,784	9,184	16.01
Ashland, Odanah & Marengo	799		799	1.06
Bayfield Transfer				
Big Falls Ry. Co.....				
Chicago, Milwaukee & St. Paul.....	1,013,160		1,013,160	14.13
Chicago & Northwestern.....	407,703	69,255	476,958	5.19
Chicago, St. Paul, Mpls. & O.....	104,097	78,210	182,307	8.02
Chicago, Burlington & Quincy.....				
Chicago, Lake Shore & Eastern.....				
Chicago, Harvard & Geneva L.....	196	1,048	1,244	1.61
Chicago & Lake Superior.....				
Chippewa River & Northern.....				
Chippewa Valley & Northern.....				
Drummond & Southwestern.....	468		468	1.41
Duluth, South Shore & Atlantic.....	5,625	13,190	18,815	5.41
Dunbar & Wausaukee.....				
Fairchild & Northeastern.....	668	488	1,156	6.23
Great Northern.....				
Green Bay & Western.....	18,438	10,088	28,521	7.43
Hawthorne, Nebagamon & Superior.....	7	19	26	.21
Hazelhurst & Southeastern.....		181	181	.14
Hillsboro & Northeastern.....				
Illinois Central	6,944	11,084	17,978	9.73
Iola & Northern.....	475	825	1,300	10.89
J. R. Davis Lumber Co., Log. Ry....				
Kewaunee, Green Bay & Western....	8,626	4,772	13,398	8.44
La Crosse & Southeastern.....	2,250	4,384	6,634	25.80
Lake Superior Terminal & Transfer.....				
Laona & Northern.....				
Marathon County Ry. Co.....				
Marquette, Tomahawk & Western....	884	898	1,777	1.78
Mineral Point & Northern.....	1,006	1,467	2,473	2.06
Mpls., St. Paul & Sault Ste. Marie.....	36,938	22,169	59,107	4.25
Northern Pacific				
Northwestern Coal Ry. Co.....				
Roddis L. & V. Co., Logging Ry....				
Robbins Ry. Co.....				
Stanley, Merrill & Phillips.....	2,407	953	3,360	1.10
Superior & Southeastern.....				
Tomahawk & Eastern.....	277	236	513	1.98
Whitcomb & Morris.....				
Wisconsin Central	99,938	99,154	199,086	4.82
Wisconsin & Michigan.....	1,775	1,728	3,503	1.35
Wisconsin & Northern.....	1,250	722	1,972	4.60
Wisconsin, Ruby & Southern.....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	1,718,875	825,505	2,042,870	6.96

REPORT OF THE RAILROAD COMMISSION.

911

MOVEMENT, 1908—concluded.

Miscellaneous Commodities—Concluded.

All other commodities.				Total tonnage.				Ratio to total freight tonnage. Per cent.
Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.	Freight originating on this road in Wisconsin. Whole tons.	Freight received from this road originating outside of Wisconsin—and all other freight rec'd from connect'g roads and other carriers. Whole tons.	Total freight tonnage. Whole tons.	Per cent.	
7,180	482	7,662	10.00	71,804	4,824	76,628	100	.86
2,907	1,786	4,693	8.23	30,378	26,650	57,034	100	.19
				75,673	403	76,076	100	.26
304,912		304,912	4.28	7,167,524		7,167,524	100	24.89
903,301	109,405	1,015,706	11.05	7,538,188	1,649,664	9,187,852	100	31.27
43,573	43,263	86,835	3.81	1,607,061	666,571	2,273,632	100	7.74
16,321	345	16,666	4.12	213,479	190,749	404,228	100	1.38
24,000		24,000	30.99	76,415	1,048	77,463	100	.26
				2,157	329	2,486	100	.01
				68,000	3,500	71,500	100	.24
				33,068		33,068	100	.11
12,006	4,189	16,215	4.67	193,184	151,358	347,542	100	1.18
87	446	533	2.83	13,685	4,800	18,575	100	.06
17,831	12,119	29,950	7.85	272,018	109,134	381,152	100	1.30
71	225	296	.23	12,186	19	12,205	100	.04
				123,192	3,887	127,079	100	.43
22,923	7,992	30,915	16.75	51,205	133,321	184,526	100	.63
182	61	243	2.03	9,157	2,776	11,933	100	.04
6,892	4,936	11,828	7.46	92,215	66,451	158,666	100	.54
				8,326	17,323	25,649	100	.09
5,334	785	6,119	6.12	35,216	64,638	99,854	100	.34
10,070	1,752	11,822	9.86	42,988	77,107	119,995	100	.41
32,204	68,150	100,354	7.21	998,616	393,819	1,392,435	100	4.74
43,015	123,902	166,917	8.58	1,128,018	815,881	1,943,899	100	6.62
				367,948		367,948	100	1.25
339	285	624	.21	286,494	18,241	304,735	100	1.04
503	27	530	2.06	13,384	12,509	25,893	100	.09
295,115	379,637	688,752	15.45	2,053,701	2,074,459	4,128,160	100	14.06
1,180	3,759	4,939	1.90	193,469	66,202	259,671	100	.88
1,600	452	2,052	4.71	32,915	10,142	43,057	100	.15
1,818,665	663,998	2,482,663	8.45	22,811,584	6,568,901	29,380,485	100	100.00

EQUIPMENT, WHOLE LINE.

Name of Company.	Cars in freight service.							Total.
	Box cars.	Flat cars.	Stock cars.	Coal cars.	Tank cars.	Refrigerator cars.	Other cars.	
Abbotsford & N. E.....		3						3
Ahnapee & Western.....	2	29						31
Ash., Odanah & M.....		73					3	76
Bayfield Transfer.....		19					43	62
Big Falls R'y Co.....								
C., M. & St. P.....	29,722	5,239	3,605	2,512		1,879	2,693	45,650
C. & N. W.....	29,489	4,578	5,248	9,496		1,827	6,936	57,574
C., St. P., M. & O.....	8,778	1,460	290	1,322		194	7	12,051
C., B. & Q.....	24,953	2,558	7,301	14,550	2	1,543	111	51,018
Chicago, L. S. & E.....	1,215	448		6,194			1,420	9,277
Chl., Harv. & G. L.....	1						1	2
Chicago & Lake Sup.....	1							1
Chlp. Riv. & Northern.....		1						1
Chlp. Val. & Northern.....		31						31
Drummond & S. W.....		3					82	85
Duluth, S. S. & Atl.....	1,195	542		241		33	802	2,813
Dunbar & Wausaukee.....								
Fairchild & N. E.....	3	10				1		14
Great Northern.....	27,536	3,846	2,005	1,525		651	6,563	42,131
Green Bay & Western.....	641	63		25		12		741
Haw., Neb. & Supr.....	2							2
Hazelhurst & S. E.....		63						63
Hillsboro & N. E.....	1	1					1	3
Illinois Central.....	32,339	2,835	3,113	21,997	10	2,827		63,121
Iola & Northern.....								
J. R. D. L. Co., L. Ry.....		110	2				8	120
Keweenaw, G. B. & W.....	169							169
La Crosse & S. E.....	9	14	2					25
Lake S. T. & T.....								
Laona & Northern.....							40	40
Marathon Co. R'y Co.....							40	40
Marinette, Tom. & W.....	2	25						27
Mineral Point & N.....	10	10						20
M., St. P. & S. S. M.....	11,043	1,234	194	53		174	164	12,662
Northern Pacific.....	24,945	8,412	2,192	4,762	12	953	837	42,173
N. W. Coal R'y Co.....								
R. L. & V. Co., L. Ry.....		24						24
Robbins R'y Co.....								
Stanley, Merrill & P.....	7	203	1					211
Superior & S. E.....	1	6						4
Tomahawk & Eastern.....								
Whitcomb & Morris.....		4						4
Wisconsin Central.....	4,527	423		328		47	1,675	7,000
Wis. & Michigan.....	95	362				10	101	568
Wis. & Northern.....	2	48						50
Wisconsin, Ruby & S.....							8	8
Waupaca-Green Bay.....								
Mill., Bay View & C.....		61		61				122
Wis. Northwestern.....							64	64
Mattoon R'y Co.....								
Total.....	100,688	32,765	23,953	63,036	24	10,151	21,634	348,281

¹ Cars owned not in service.

² Not itemized.

1908—Continued.

Other cars in company's service.						Total.		
Gravel cars.	Derrick cars.	Caboose cars.	Other road cars.	Other cars in service.	Total.	Cars owned.	Cars leased.	Grand total.
.....	.....	1	.....	.....	1	5	.....	5
.....	2	.....	4	.....	6	34	.....	34
.....	.....	.....	.....	.....	.....	82	.....	82
1	.....	1	.....	.....	2	66	.....	66
.....
.....	16	620	268	.....	998	47,757	.....	47,757
450	28	694	102	9	1,283	60,183	.....	60,186
151	9	146	112	2	423	12,746	.....	12,746
500	33	520	3,250	1200	4,403	56,581	.....	56,581
.....	1	47	147	.....	195	5,526	3,946	9,472
.....	.....	.....	.....	.....	.....	5	24	9
.....	.....	.....	.....	.....	.....	2	.....	2
.....	.....	1	.....	.....	1	2	.....	2
.....	.....	.....	.....	.....	.....	31	.....	31
.....	.....	1	.....	.....	1	83	.....	83
.....	3	36	95	1	135	3,014	.....	3,014
.....	.....	.....	.....	.....	.....	1	.....	1
.....	.....	.....	.....	.....	.....	16	.....	16
620	66	603	470	25	1,784	44,690	2	44,692
.....	.....	8	22	1	31	798	.....	798
.....	.....	.....	1	.....	1	3	.....	3
.....	.....	.....	1	.....	1	65	.....	65
.....	.....	.....	.....	.....	.....	4	.....	4
606	33	669	1,827	15	3,150	64,850	2,250	67,100
.....	.....	.....	.....	.....	.....	1	.....	1
.....
3	.....	2	29	.....	34	154	.....	154
.....	.....	.....	.....	.....	.....	175	.....	175
.....	.....	2	.....	.....	2	33	.....	33
.....	.....	.....	1	.....	1	1	.....	1
.....	.....	.....	.....	.....	.....	41	.....	41
.....	.....	.....	.....	.....	.....	40	.....	40
.....	.....	3	.....	.....	2	32	.....	32
2	.....	.....	1	.....	3	25	.....	25
154	3	154	19	.....	330	13,392	100	13,492
.....	28	767	2,172	9	2,976	46,063	.....	46,063
.....
.....	.....	.....	.....	.....	.....	24	.....	24
.....	.....	2	11	.....	13	226	.....	226
.....	.....	2	11	.....	13	17	.....	17
.....
.....	.....	.....	.....	.....	.....	4	.....	4
9	2	109	166	3	280	7,394	1,145	8,539
2	.....	10	4	1	17	593	.....	593
.....	.....	2	.....	.....	2	52	.....	52
.....	.....	.....	.....	.....	.....	8	.....	8
.....	.....	.....	.....	.....	.....	122	.....	122
.....	.....	1	.....	.....	1	65	.....	65
5	.....	1	1	.....	7	8	1	9
2,506	224	4,501	8,808	66	16,105	365,020	7,448	372,468

* Includes 1,250 cars not itemized.

DESCRIPTION OF EQUIPMENT.

Cars in Freight Service of Roads Reporting to the Railroad
Class I. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....						
Ahnapee & Western.....						
Ashland, Odanah & Marengo.....						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chicago, Milwaukee & St. Paul.....	41	348	15	168	36	810
Chicago & Northwestern.....						
Chicago, St. Paul, Mpls. & O.....						
Chicago, Burlington & Quincy.....						
Chicago, Lake Shore & Eastern.....						
Chicago, Harvard & Geneva L.....						
Chicago & Lake Superior.....						
Chippewa River & Northern.....						
Chippewa Valley & Northern.....						
Drummond & Southwestern.....						
Duluth, South Shore & Atlantic.....						
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern.....						
Green Bay & Western.....						
Hawthorne, Nebagamon & Sup.....						
Hazelhurst & Southeastern.....						
Hillsboro & Northeastern.....						
Illinois Central.....						
Iola & Northern.....						
J. R. Davis L. Co., Log. Ry.....						
Kewaunee, Green Bay & W.....						
La Crosse & Southeastern.....						
Lake Superior Term. & Trans.....						
Laona & Northern.....						
Marathon County Ry. Co.....			15			
Marinette, Tomahawk & W.....						
Mineral Point & Northern.....						
Mpls., St. P. & S. Ste. M.....						
Northern Pacific						
Northwestern Coal Ry. Co.....						
Rodd's L. & V. Co., Log. Ry.....						
Robbins Ry. Co.....						
Stanley, Merrill & Phillips.....						
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wisconsin Ruby & Southern.....						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.....						
Total	41	848	15	168	36	810

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Commission, Classified on Basis of Capacity, on June 30, 1908.
the 10,000's of pounds.

[illegible]

DESCRIPTION OF EQUIPMENT,

Class II. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....
Ahnapee & Western.....
Ashland, Odanah & Marengo.....
Bayfield Transfer.....
Big Falls Ry. Co.....
Chicago, Milwaukee & St. Paul.....
Chicago & Northwestern.....	54	756	139	1,946	5	70
Chicago, St. Paul., Mpls. & O.....	471	6,594	54	756	.....	.....
Chicago, Burlington & Quincy.....
Chicago, Lake Shore & Eastern.....
Chicago, Harvard & Geneva L.....	1	10	.....	.....	.....	.....
Chicago & Lake Superior.....
Chippewa River & Northern.....
Chippewa Valley & Northern.....
Drummond & Southwestern.....
Dul., South Shore & Atlantic.....
Dunbar & Wausaukee.....
Fairchild & Northeastern.....
Great Northern.....	509	8,336	19	266	6	84
Green Bay & Western.....
Haw., Nebagamon & Superior.....
Hazelhurst & Southeastern.....	63	680	.....	.....
Hillsboro & Northeastern.....
Illinois Central.....	4	56	11	154	.....	.....
Iola & Northern.....
J. R. Davis L. Co., Log. Ry.....
Kewaunee, Green Bay & W.....
La Crosse & Southeastern.....
Lake Superior Term. & Trans.....
Laona & Northern.....
Marathon County Ry. Co.....
Marquette, Tomahawk & W.....
Mineral Point & Northern.....
Mpls., St. Paul & S. Ste. M.....
Northern Pacific.....	2	24	10	130	.....	.....
Northwestern Coal Ry. Co.....
Roddis L. & V. Co., Log. Ry.....
Robbins Ry. Co.....
Stanley, Merrill & Phillips.....
Superior & Southeastern.....
Tomahawk & Eastern.....
Whitcomb & Morris.....
Wisconsin Central.....
Wisconsin & Michigan.....
Wisconsin & Northern.....
Wisconsin, Ruby & Southern.....
Waupaca Green Bay.....
Wisconsin Northwestern.....
Mattoon Ry. Co.....
Total.....	1,131	15,826	296	3,872	11	154

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[illegible]

DESCRIPTION OF EQUIPMENT,

Class III. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern.....						
Ahnapee & Western.....						
Ashland, Odanah & Marengo.....						
Bayfield Transfer						
Big Falls Ry. Co.....						
Chicago, Milwaukee & St. P.....	33	573	29	432	8	120
Chicago & Northwestern.....	40	600	83	1,245	1	15
Chicago, St. Paul, Mpls. & O.....						
Chicago, Burlington & Quincy.....						
Chicago, Lake Shore & Eastern.....						
Chicago, Harvard & Geneva L.....						
Chicago & Lake Superior.....						
Chippewa River & Northern.....						
Chippewa Valley & Northern.....			3	45		
Drummond & Southwestern.....						
Duluth, S. S. & Atlantic.....	46	690	17	255		
Dunbar & Wausaukee.....						
Fairchild & Northeastern.....						
Great Northern			11	165		
Green Bay & Western.....						
Haw., Nebag. & Superior.....	2	30				
Hazelhurst & Southeastern.....						
Hillsboro & Northeastern.....						
Illinois Central						
Iola & Northern.....						
J. R. Davis L. Co., Log. Ry.....						
Kewaunee, Green Bay & W.....			4	60		
La Crosse & Southeastern.....						
Lake Superior Term. & Trans.....						
Laona & Northern.....						
Marathon County Ry. Co.....						
Marquette, Tomahawk & W.....						
Mineral Point & Northern.....						
Mpls., St. P. & S. Ste. M.....			13	195		
Northern Pacific						
Northwestern Coal Ry. Co.....						
Roddie L. & V. Co., Log. Ry.....						
Robbins Ry. Co.....						
Stanley, Merrill & Phillips.....						
Superior & Southeastern.....						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....						
Wisconsin & Northern.....						
Wisconsin Ruby & Southern.....						
Waupaca Green Bay						
Wisconsin Northwestern			5	75		
Mattoon Ry. Co.....						
Total	121	1,803	165	2,479	9	135

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
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.	48	768	118	1,900
34	510	54	810	212	3,180
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.	3	45
.	10	150	73	1,095
.
.	.	.	.	12	180	.	.	23	345
.	2	30
.
.
.	4	60
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.	15	225	28	420
.
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.
.	7	105	7	105
.	2	30	7	105
34	510	.	.	12	180	136	2,088	477	7,235

DESCRIPTION OF EQUIPMENT.

Class IV. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.						
Ahnapee & Western			19	380		
Ashland, Odanah & M.			2	40		
Bayfield Transfer			13	260		
Big Falls R'y Co.						
C., M. & St. P.	5,071	101,420	1,682	33,840	285	5,700
Chicago & Northwestern	3,561	71,220	274	5,480	2	40
C., St. P., M. & O.	2,815	56,300	378	7,560	150	3,000
Chi., Burl. & Quincy	3,255	65,100	508	10,160	2,754	55,060
Chi., L. S. & Eastern	103	2,060	50	1,000		
Chi., Harv. & G. Lake						
Chicago & Lake Superior						
Chp. River & Northern						
Chp. Valley & Northern						
Drummond & S. W.						
Duluth, S. S. & Atlantic			425	8,500		
Dunbar & Wausaukee						
Fairchild & Northeastern	3	60				
Great Northern	4,397	87,940	1,134	22,680	1,297	25,940
Green Bay & Western			28	560		
Hawthorne, Neb. & Sup.						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	39	780	24	480	2,251	45,020
Iola & Northern						
J. R. D. L. Co., L. R'y.						
Kewaunee, G. B. & W.						
La Crosse & S. E.						
Lake Sup. Ter. & Trans.						
Laona & Northern						
Marathon County R'y Co.						
Marinette, Tom. & West.						
Mineral Pt. & Northern						
M., St. P. & S. Ste. M.	554	11,080	203	4,060	103	2,060
Northern Pacific	1,843	36,860	1,369	27,380	396	7,920
Northwestern Coal R'y Co.						
R. L. & V. Co., L. R'y.						
Robbins R'y Co.						
Stanley, Merrill & P.	2	40	178	3,560	1	20
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	1,214	24,380	115	2,300		
Wisconsin & Michigan						
Wisconsin & Northern						
Wis., Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon R'y Co.						
Total	22,837	457,740	6,402	128,040	7,239	144,780

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[illegible]

DESCRIPTION OF EQUIPMENT,

Class V. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.			8	75		
Ahnapee & Western			10	250		
Ashland, O. & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Mil. & St. P.	569	14,225	125	3,125		
Chicago & N. W.	9,290	232,250	384	9,000	2,397	59,925
Chi., St. P., M. & O.	1,530	38,250	215	5,375	28	700
Chi., Burl. & Q.	2,739	69,725	211	5,275	3,383	84,575
Chi., L. S. & Eastern						
C., Harv. & Geneva L.						
Chicago & Lake Superior						
Chippewa River & N.						
Chippewa Valley & N.						
Drummond & S. W.						
Dul., S. S. & Atlantic	951	23,775				
Dunbar & Wausaukee						
Fairchild & N. E.			5	125		
Great Northern			59	1,475		
Green Bay & Western	60	1,500				
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	1,876	46,900	284	7,100	43	1,075
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.						
La Crosse & S. E.	9	225	10	250		
Lake Superior T. & T.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, T. & W.	2	50	25	625		
Mineral Point & N.						
M., St. P. & S. S. M.	4,453	111,325	455	11,375	71	1,775
Northern Pacific	4,524	113,100	55	1,375	1,795	44,875
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & P.						
Superior & Southeastern						
Tomahawk & Eastern						
Whitecomb & Morris						
Wisconsin Central	577	14,425	67	1,675		
Wisconsin & Michigan						
Wisconsin & Northern	1	25				
Wisconsin, Ruby & S.						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.						
Total	26,631	665,775	1,908	47,700	7,717	192,925

WHOLE LINE, 1908—continued.
the 50,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
								3	75
								10	250
						43	1,075	43	1,075
108	2,700							801	20,000
313	7,825			650	16,475	581	14,585	15,624	340,000
474	11,850			27	675			2,274	56,800
103	2,650			565	9,125	32	800	6,880	172,150
						82	2,050	82	2,000
33	825			14	350	22	550	1,000	25,500
				8	200	547	13,675	5	125
								614	15,300
								61	1,500
918	23,700							8,151	78,775
								19	475
								27	675
20	500			174	4,350			5,173	129,325
1,445	36,125	1	25	891	22,375			8,715	217,875
12	200							656	16,400
								1	25
3,459	86,475	1	25	2,142	53,550	1,307	32,675	43,165	1,079,125

DESCRIPTION OF EQUIPMENT.

Class VI—Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern						
Ahnapee & Western	2	60				
Ashland, Odanah & Marengo						
Bayfield Transfer			6	180		
Big Falls Ry. Co.						
Chicago, Milw. & St. Paul....	16,630	498,900	2,409	72,270	3,284	98,510
Chicago & Northwestern	8,490	254,700	427	12,810	2,836	85,030
Chl., St. P., Mpls. & O.	1,981	59,430	27	810	112	3,360
Chicago, Burlington & Quincy	9,954	298,620	35	1,050	960	28,870
Chicago, Lake Shore & Eastern	712	21,300	67	1,210		
Chicago, Harv. & Geneva Lake						
Chicago & Lake Superior						
Chippewa R. & Northern						
Chippewa V. & Northern						
Drummond & Southwestern ..						
Duluth, S. S. & Atlantic	198	5,940	100	3,000		
Dunbar & Wausaukee						
Fairchild & Northeastern			5	150		
Great Northern	8,289	248,670	671	20,130	702	21,000
Green Bay & Western	581	17,430	24	720		
Hawthorne, Nebag. & Sup.						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	10,071	302,130	180	5,400	819	24,570
Iola & Northern						
J. R. Davis L. Co., L. Ry.						
Kewaunee, Green Bay & W.	169	5,070				
La Crosse & Southeastern					2	60
Lake Superior Term. & Trans.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, Tomahawk & W.						
Mineral Point & Northern	10	300	10	300		
Mpls., St. Paul & S. Ste. M.	6,086	181,080	576	17,280	20	600
Northern Pacific	842	25,260	302	9,060	1	30
Northwestern Coal Ry. Co.						
Roddis L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & P.			25	750		
Superior & Southeastern						
Tomahawk & Eastern						
Whitecom & Morris						
Wisconsin Central	3,517	105,510	238	7,140	100	3,000
Wisconsin & Michigan	95	2,850	362	10,860		
Wisconsin & Northern	1	80				
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.						
Total	67,578	2,027,340	5,464	163,120	8,836	265,080

WHOLE LINE, 1908—Continued.

the 60,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity Tons.	No.	Aggregate capacity Tons.	No.	Aggregate capacity Tons.	No.	Aggregate capacity Tons.	No.	Aggregate capacity Tons.
.....	.....	.....	.....	.....	.....	.....	.....	2	60
.....	.....	.....	.....	.....	.....	.....	.....	6	180
.....
1,193	35,790	.....	.....	1,842	55,260	100	3,000	25,458	763,740
3,238	97,140	.....	.....	1,040	31,200	542	16,260	16,573	497,190
9	270	.....	.....	144	4,320	2	60	2,275	68,250
1,206	36,180	.....	.....	1,071	32,180	.....	.....	13,226	396,780
54	1,500	.....	.....	.....	.....	122	3,660	955	27,730
.....
.....
.....
.....
9	270	.....	.....	19	570	398	11,940	724	21,720
.....	.....	.....	.....	.....	.....	.....	.....	5	150
.....	.....	.....	.....	535	16,050	472	14,160	10,669	320,070
.....	.....	.....	.....	.....	.....	.....	.....	605	18,150
.....
.....
3,631	108,930	.....	.....	2,673	80,190	.....	.....	17,374	521,220
.....
.....	.....	.....	.....	.....	.....	.....	.....	169	5,000
.....	.....	.....	.....	.....	.....	.....	.....	2	60
.....
.....
.....
27	810	.....	.....	.....	.....	.....	.....	20	600
32	960	1	30	12	360	.....	.....	6,659	199,770
.....	.....	.....	.....	.....	.....	.....	.....	1,190	35,700
.....
.....
.....	.....	.....	.....	.....	.....	.....	.....	25	750
.....
.....
225	6,750	.....	.....	25	750	.....	.....	4,105	123,150
.....	.....	.....	.....	.....	.....	.....	.....	457	13,710
.....	.....	.....	.....	.....	.....	.....	.....	1	30
.....
.....
.....	.....	.....	.....	.....	.....	20	600	20	600
9,624	288,600	1	30	7,361	220,830	1,656	49,680	100,520	3,014,680

DESCRIPTION OF EQUIPMENT,
Class VII. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Milw. & St. P.						
Chicago & Northwestern			1,511	53,935		
C., St. P., M. & O.			537	18,795		
Chicago, Burl. & Q.						
Chicago, L. S. & E.						
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.						
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern						
Green Bay & Western						
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central						
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.						
La Crosse & S. E.						
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette, T. & W.						
Mineral Point & N.						
M., St. P., & S. S. M.						
Northern Pacific	1,832	169,120	5,792	202,720		
Northwestern Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.						
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan						
Wisconsin & Northern						
Wisconsin, R. & S.						
Waupaca-G. B.						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	4,833	169,120	7,870	275,450		

[illegible]

DESCRIPTION OF EQUIPMENT,
Class VIII—Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern						
Ahnapee & Western						
Ashland, Odanah & Marengo						
Bayfield Transfer						
Big Falls Ry. Co.						
Chicago, Milw. & St. Paul.	7,411	226,440				
Chicago & Northwestern	10,462	418,480	1,780	71,200		
Chl., St. P., Mpls. & O.	1,981	79,240	249	11,960		
Chicago, Burlington & Quincy	8,571	342,840	487	19,480		
Chicago, L. S. & Eastern			6	240		
Chicago, Harvard & G. L.						
Chicago & Lake Superior						
Chippewa R. & Northern						
Chippewa V. & Northern						
Drummond & Southwestern						
Duluth, S. S. & Atlantic						
Dunbar & Wausaukee						
Fairchild & Northeastern						
Great Northern	14,251	570,040	1,963	78,520		
Green Bay & Western						
Hawthorne, Nebag. & Sup.						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	17,349	693,960	2,306	81,440		
Iola & Northern						
J. R. Davis L. Co., L. Ry.						
Kewaunee, Green Bay & W.						
La Crosse & Southern						
Lake Superior Term. & Trans.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, Tomahawk & W.						
Mineral Point & Northern						
Minneapolis, St. P. & S. S. M.						
Northern Pacific	12,902	516,080	901	36,040		
Northwestern Coal Ry. Co.						
Rodd's L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & Phillips	5	200				
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central			3	120		
Wisconsin & Michigan						
Wisconsin & Northern			48	1,920		
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern						
Mattoon Ry. Co.						
Total	72,963	2,917,280	7,473	300,920		

WHOLE LINE, 1908—Continued.
the 80,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity. Tons.	No.	Aggre- gate ca- pacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
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5,649	225,980	1,470	58,800	8,881	351,240
509	20,380	2,276	91,040	20,187	806,680
3,799	151,900	2	80	2,739	111,560
2	80	968	77,440	12,839	511,360
.	976	77,760
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.
150	6,000	150	6,000
582	21,280	779	31,160	17,525	701,000
25	1,000	25	1,000
.
11,644	465,760	10	400	31,039	1,241,560
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657	26,280	850	34,000	15,310	612,400
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.	5	200
.
260	10,400	263	10,520
.	48	1,920
.
23,227	929,080	12	480	.	.	6,243	232,440	109,987	4,440,200

DESCRIPTION OF EQUIPMENT,
Classes IX, X and XII. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi. Millw. & St. P.			1,008	50,430		
Chicago & N. W.			4	220		
C., St. P., M. & O.						
Chicago, Burl. & Q.			1	50		
Chicago, L. S. & E.	400	20,000	325	16,250		
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.						
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern						
Green Bay & Western						
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	3,000	150,000	300	15,000		
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewanee, G. B. & W.						
La Crosse & S. E.						
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette, T. & W.						
Mineral Point & N.						
M., St. P., & S. S. M.						
Northern Pacific						
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.						
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan						
Wisconsin & Northern						
Wisconsin, R. & S.						
Wanpaca-G. B.						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	3,400	170,000	1,638	81,950		

the 90,000's, 100,000's and 120,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggre- capacity. Tons.
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1,211	60,550	993	42,650	3,212	160,890
.	500	25,000	501	25,220
6,885	319,250	6,883	319,300
6,014	300,700	326	16,300	7,035	353,250
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500	25,000	1,770	238,500	5,270	263,500
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5,623	279,930	8,923	441,920
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2,414	120,700	2,414	120,700
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.	101	5,050	101	5,050
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22,147	1,103,130	6,690	334,500	33,875	1,692,580

DESCRIPTION OF EQUIPMENT,
Classes IX, X and XII. Capacities in

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi. Milw. & St. P.			1,008	50,430		
Chicago & N. W.			4	220		
C., St. P., M. & O.						
Chicago, Burl. & Q.			1	50		
Chicago, L. S. & E.	400	50,000	325	16,250		
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.						
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern						
Green Bay & Western						
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	3,000	150,000	300	15,000		
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.						
La Crosse & S. E.						
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marquette, T. & W.						
Mineral Point & N.						
M., St. P., & S. S. M.						
Northern Pacific						
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.						
Superior & S. E.						
Tomahawk & Eastern						
Whitecomb & Morris						
Wisconsin Central						
Wisconsin & Michigan						
Wisconsin & Northern						
Wisconsin R. & S.						
Waupaca-G. R.						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	3,400	170,000	1,638	81,950		

WHOLE LINE 1908.—Continued.

the 90,000's, 100,000's and 120,000's of pounds.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Total.	
No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
.....
.....
.....
.....
1,211	60,550	.....	.....	.....	.....	993	49,650	3,212	100,640
.....	.....	.....	.....	.....	.....	500	25,000	501	25,220
6,385	319,250	.....	.....	.....	.....	.....	.....	6,383	319,300
6,014	300,700	.....	.....	.....	.....	326	16,300	7,035	353,250
.....
.....
.....
.....
.....
500	25,000	.....	.....	.....	.....	1,770	238,500	5,270	263,500
.....
.....
5,623	279,980	.....	.....	.....	.....	.....	.....	8,923	444,920
.....
.....
.....
.....
2,414	120,700	.....	.....	.....	.....	.....	.....	2,414	120,700
.....
.....
.....
.....
.....	.....	.....	.....	.....	.....	101	5,050	101	5,050
.....
.....
.....
22,147	1,103,130	.....	.....	.....	.....	9,000	334,500	33,875	1,692,780

DESCRIPTION OF EQUIPMENT.

Total—

Name of Company.	Box cars.		Flat cars.		Stock cars.	
	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.
Abbotsford & Northeastern			3	75		
Ahnapee & Western	2	60	29	630		
Ashland, Odanah & M.			2	40		
Bayfield Transfer			19	440		
Big Falls Ry. Co.						
Chi., Milw. & St. Paul	29,722	911,333	5,239	159,633	3,005	104,530
Chicago & Northwestern	31,890	977,979	4,578	155,630	5,248	145,235
Chi., St. P., Mpls. & O.	8,778	239,314	1,460	45,256	290	7,060
Chicago, Burlington & Q.	24,609	776,885	1,325	37,360	7,098	168,470
Chicago, L. S. & Eastern.	1,215	43,430	448	18,700		
Chicago, Harv. & G. L.	1	10				
Chicago & Lake Superior.						
Chippewa R. & Northern.						
Chippewa V. & Northern.						
Drummond & S. W.			3	45		
Duluth, S. S. & Atlantic.	1,195	30,405	542	11,755		
Dunbar & Wausaukee						
Fairchild & Northeastern.	3	60	10	275		
Great Northern	27,536	915,036	3,946	123,071	2,005	47,084
Green Bay & Western	641	18,930	63	1,445		
Hawthorne, Nebag. & Sup.	2	30				
Hazelhurst & Southeastern.			63	630		
Hillsboro & Northeastern.						
Illinois Central	32,339	1,103,820	2,835	109,574	3,113	70,665
Iola & Northern						
J. R. Davis L. Co., L. Ry.						
Kewaunee, G. B. & W.	160	5,070				
La Crosse & Southeastern.	9	225	14	310	2	60
Lake Superior T. & T.						
Laona & Northern						
Marathon County Ry. Co.						
Marinette, T. & W.	2	50	25	625		
Mineral Point & Northern.	10	300	10	300		
Mpls., St. P. & S. Ste. M.	11,043	303,485	1,234	32,715	194	4,435
Northern Pacific	24,945	860,444	8,442	276,890	2,192	52,825
Northwestern Coal Ry. Co.						
Roddie L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, Merrill & P.	7	240	203	4,310	1	20
Superior & Southeastern.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	5,338	144,815	423	11,235	100	3,000
Wisconsin & Michigan	95	2,850	362	10,860		
Wisconsin & Northern	2	55	48	1,920		
Wisconsin, Ruby & S.						
Waupaca-Green Bay						
Wisconsin Northwestern						
Miltoon Ry. Co.			5	75		
Total	199,553	6,425,322	31,231	1,003,609	23,843	603,834

WHOLE LINE, 1908—Concluded.

Classes I to XII.

Coal cars.		Tank cars.		Refrigerator cars.		Other cars.		Grand total.	
No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No.	Aggregate capacity. Tons.	No. cars.	Aggregate capacity. Tons.
.....	.....	.....	.....	.....	.....	.....	.....	3	75
.....	.....	.....	.....	.....	.....	.....	.....	31	690
.....	.....	.....	.....	.....	.....	74	1,480	76	1,520
.....	.....	.....	.....	.....	.....	48	1,075	62	1,515
.....
2,512	99,040	.....	.....	1,879	56,000	2,608	114,050	45,630	1,444,586
9,406	336,845	.....	.....	1,827	50,235	4,585	158,587	57,574	1,824,511
1,822	39,060	.....	.....	194	5,455	7	100	12,051	336,826
13,211	544,170	2	80	1,519	42,915	101	1,910	47,885	1,571,600
6,194	304,760	.....	.....	.....	.....	1,480	97,480	9,277	464,330
.....
.....	.....	.....	.....	.....	.....	.....	.....	1	10
.....
.....	.....	.....	.....	.....	.....	82	2,050	85	2,095
.....
241	8,075	.....	.....	33	920	202	20,080	2,312	71,235
.....
1,585	56,140	.....	.....	1	20	.....	.....	14	355
25	1,000	.....	.....	651	18,410	6,568	297,495	42,131	1,467,236
.....	.....	.....	.....	12	180	.....	.....	741	21,535
.....
.....	.....	.....	.....	.....	.....	.....	.....	2	30
.....	.....	.....	.....	.....	.....	.....	.....	68	680
21,907	881,384	10	400	2,827	83,258	.....	.....	68,121	2,339,077
.....
.....	.....	.....	.....	.....	.....	.....	.....	169	5,070
.....	.....	.....	.....	.....	.....	.....	.....	25	595
.....
.....
.....	.....	.....	.....	.....	.....	.....	.....	37	675
.....	.....	.....	.....	.....	.....	.....	.....	20	600
58	1,420	.....	.....	174	4,350	164	3,280	12,832	349,695
4,702	190,730	12	330	953	23,655	867	34,365	42,173	1,439,119
.....
.....
.....
.....	.....	.....	.....	.....	.....	.....	.....	211	4,570
.....
.....
.....
527	18,050	.....	.....	47	1,190	1,675	33,500	3,110	211,790
.....	.....	.....	.....	10	200	101	5,050	568	18,960
.....	.....	.....	.....	.....	.....	.....	.....	50	1,975
.....
.....
.....	.....	.....	.....	.....	.....	64	1,445	64	1,445
.....	.....	.....	.....	.....	.....	2	30	7	105
61,865	2,480,654	24	810	10,127	226,783	19,198	771,967	345,846	11,573,504

MILEAGE OPERATED,

Mileage (single track) Operated by Railroads in Wisconsin as

Name of Company.	Line represented by capital stock.		Line of proprietary companies.	Line operated under lease.
	Main line.	Branches and spurs.		
Abbotsford & N. E.....	15.16	.....	.....	.....
Ahnapee & Western	34.00	.....	.....	.....
Ashland, Odanah & M..	13.00	10.00	.....	4.50
Bayfield Transfer	3.83	.....	.....	12.00
Big Falls Ry. Co. ....	.....	.....	.....	21.00
Chi., Milw. & St. P....	1,774.12	.....	.....	.....
Chicago & N. W.	953.85	828.88	131.72	.....
C., St. P., M. & O.	756.61	.....	.....	.....
Chicago, Burl. & Q.	222.57	.....	.....	.....
Chicago, L. S. & E. ....	.....	.....	.....	19.42
Chicago, Harv. & G. L.	5.50	.....	.....	.....
Chicago & L. S.	3.24	.....	.....	.....
Chippewa R. & N.	18.00	.....	.....	.....
Chippewa V. & N.	15.00	4.32	.....	.....
Drummond, S. W.	8.18	.....	.....	.....
Duluth, S. S. & Atl....	103.53	5.86	.....	.....
Dunbar & Wausaukee...	13.50	.....	.....	.....
Fairchild & N. E.	38.00	.....	.....	.....
Great Northern	32.19	.....	.....	5.28
Green Bay & W.	212.50	12.50	.....	.....
Hawthorne, Nebag. & S.	7.35	.....	.....	.....
Hazelhurst & S. E.	11.00	.....	.....	2.70
Hillsboro & N. E.	5.00	.....	.....	.....
Illinois Central	91.31	.....	.....	.....
Iola & Northern	4.70	.....	.....	.....
J. R. D. L. Co., L. Ry.	20.50	.....	.....	.....
Kewaunee, G. B. & W.	39.70	.....	.....	.....
La Crosse & S. E.	40.81	.....	.....	.....
Lake Superior T. & T.	.....	20.61	.....	.....
Laona & Northern	16.00	.....	.....	.....
Marathon Co. Ry. Co..	23.25	.....	.....	.....
Marquette, T. & W.	23.00	.....	.....	.....
Mineral Point & N.	26.40	.....	.....	.....
M., St. P. & S. S. M..	292.80	90.21	.....	.....
Northern Pacific	87.53	51.70	.....	.....
N. W. Coal Ry. Co....	8.00	.....	.....	.....
R. L. & V. Co., L. Ry.	12.50	.....	.....	.....
Robbins Ry. Co.	28.00	.....	.....	.....
Stanley, M. & P.	37.66	14.82	.....	6.03
Superior & S. E.	9.74	18.53	.....	.....
Tomahawk & Eastern ..	.....	.....	.....	20.77
Whitcomb & Morris	6.00	.....	.....	.....
Winona Bridge Ry. Co..	.54	.....	.....	.....
Wisconsin Central	58.38	299.69	.....	.....
Wisconsin & Michigan..	32.62	33.65	.....	.....
Wisconsin & Northern..	43.37	.....	.....	.....
Wisconsin, R. & S.	5.00	.....	.....	.....
Waupaca G. B.	9.85	.....	.....	.....
Wisconsin N. W.	13.00	.....	.....	3.00
Mattoon Ry. Co.	29.36	.....	.....	.....
Total	5,673.18	1,398.80	131.72	94.70

REPORT OF THE RAILROAD COMMISSION.

937

WISCONSIN, 1908.

Reported to the Railroad Commission for the Year Ending June 30, 1908.

Line operat- ed under contract.	Line operat- ed under trackage rights.	Total mille- age operated.	New line constructed during the year.	Ralls.	
				Iron.	Steel.
.....	.....	15.16	.....	.51	14.65
.....	.....	34.00	.....	.....	34.00
.....	1.50	29.00	.....	.....	21.00
.....	.....	15.88	.....	.....	15.88
.....	.....	21.00	.....	.....	.....
.....	8.98	1,783.10	.....	.....	1,783.10
00.02	.....	1,774.47	4.68	18.81	1,975.58
.....	1.28	757.81	.....	2.76	753.85
.....	.53	223.10	.....	.....	222.57
.....	.....	19.42	.28	.....	19.42
.....	.....	5.50	.....	.....	5.50
.....	.....	3.24	.....	.....	.....
.....	.....	18.00	.....	.....	.....
.....	.....	19.32	.....	.....	.....
.....	.....	8.18	.....	.....	8.18
.....	3.40	115.79	2.02	.....	112.39
.....	.....	13.50	.....	.....	13.50
.....	.....	38.00	.....	.....	38.00
.....	5.88	43.35	.....	.....	37.47
.....	.....	225.00	.....	.....	225.00
.....	.....	7.35	.....	.....	7.35
.....	10.50	24.20	.....	.....	24.20
.....	.....	5.00	.....	.....	.....
.....	.....	91.31	.....	.....	91.31
.....	.....	4.70	.....	.....	4.70
.....	.....	20.50	.....	.....	.....
.....	.....	36.70	.....	.....	33.70
.....	1.80	42.61	.....	.....	42.61
.....	.44	21.05	2.28	.....	20.61
.....	.....	16.00	.....	.....	16.00
.....	.....	20.25	.....	.....	20.25
.....	.....	23.00	.....	.....	23.00
.....	4.20	30.60	.....	.....	30.60
.....	.....	353.01	.....	.....	353.01
.....	1.43	145.68	.68	.09	144.11
.....	.....	8.00	.....	.....	8.00
.....	.....	12.50	.....	.....	.....
.....	.....	28.00	.....	.....	.....
.....	4.54	63.05	4.24	.....	.....
.....	.....	28.30	4.17	.....	28.30
.....	.....	20.77	.....	.....	20.77
.....	.....	6.00	.....	.....	.....
.....	.....	.54	.....	.....	.54
.....	28.92	884.99	.....	66.25	791.82
.....	6.68	75.95	.....	.....	75.95
.....	.....	43.37	15.95	.....	13.37
.....	.....	5.00	.....	.....	.....
.....	.....	9.85	9.85	.....	9.85
.....	18.00	34.00	.63	.....	23.00
.....	.....	29.38	.....	.....	.....
00.02	08.08	7,456.50	45.08	.....	.....

MILEAGE OPERATED,

Mileage (Single Track) Operated by Railroads Reporting to

Name of Company.	Line represented by capital stock.		Line of proprietary companies.	Line operated under lease.
	Main line.	Branches and spurs.		
Abbotsford & N. E.....	15.10			
Ahnapee & Western.....	34.00			
Ashland, Odanah & M....	13.00	10.00		4.50
Bayfield Transfer.....	3.86			13.00
Big Falls Ry. Co.....				21.00
Chl., Milw. & St. Paul..	7,386.09			
Chicago & Northwestern	3,050.07	4,348.92	134.97	
Chl., St. P., M. & O....	1,059.97			
Chl., Burlington & Q....	822.41	7,986.63		
Chl., L. S. & Eastern..	11.35	243.36		73.58
Chl., Harv. & Geneva L.	11.00			
Chl. & Lake Superior...	3.24			
Chippewa River & N....	18.00			
Chippewa Valley & N....	15.00	4.32		
Drummond & S. W.....	8.18			
Dul., S. S. & Atlantic..	517.44	70.76		
Dunbar & Wausaukee..	13.50			
Fairchild & N. E.....	38.00			
Great Northern.....	6,040.67	87.20	458.04	5.28
Green Bay & W.....	212.50	12.50		
Haw., Nebag. & Sup...	7.35			
Hazelhurst & S. E....	11.00			2.70
Hillsboro & N. E.....	5.00			
Illinois Central.....	1,854.72	748.94	1,473.05	20.56
Iola & Northern.....	4.70			
J. R. D. L. Co., L. Ry.	20.50			
Kewaunee, G. B. & W.	36.70			
La Crosse & S. E.....	40.81			
Lake Sup. T. & T.....		20.61		
Laona & Northern.....	16.00			
Marathon Co. Ry. Co...	20.25			
Marquette, T. & W....	23.00			
Mineral Point & N....	26.40			
M., St. P. & S. Ste. M.	1,039.71	1,249.68		
Northern Pacific.....	2,693.54	3,046.66		194.99
N. W. Coal Ry.....	8.00			
R. L. & V. Co., L. Ry.	12.50			
Robbins Ry. Co.....	28.00			
Stanley, Merrill & Phil.	37.66	14.82		6.03
Superior & Southeastern	9.74	18.56		
Tomahawk & Eastern..				20.77
Whitcomb & Morris...	6.00			
Winona Bridge Ry. Co.	1.08			
Wisconsin Central.....	630.79	332.01		
Wisconsin & Michigan..	73.38	52.08		
Wisconsin & Northern..	43.37			
Wis., Ruby & Southern	5.00			
Waupaca-Green Bay....	9.85			
Wisconsin Northwestern	13.00			3.00
Mattoon Ry. Co.....	29.86			
* Total	25,980.77	18,247.00	2,061.06	364.41

WHOLE LINE, 1908.

the Railroad Commission for the Year Ending June 30, 1908.

Line operated under contract.	Line operated under track- age rights.	Total mileage operated.	New line constructed during the year.	Rails.	
				Iron.	Steel.
.....	.....	15.16	.....	.51	14.65
.....	.....	84.00	.....	.....	84.00
.....	1.50	29.00	.....	.....	29.00
.....	.....	15.86	.....	.....	15.83
.....	.....	21.00	.....	.....	.....
.....	230.24	7,516.33	105.51	81.49	7,204.63
60.02	38.35	7,632.23	9.32	50.98	7,584.00
.....	60.50	1,739.56	18.44	5.07	1,651.90
.....	214.56	9,023.65	22.65	20.37	8,783.72
.....	296.95	625.24	108.68	.....	625.24
.....	.....	11.00	.....	.....	11.00
.....	.....	3.24	.....	.....	.....
.....	.....	18.00	.....	.....	.....
.....	.....	19.32	.....	.....	.....
.....	.....	8.18	.....	.....	8.18
.....	6.66	504.86	2.02	5.82	502.38
.....	.....	13.50	.....	.....	13.50
.....	.....	38.00	.....	.....	38.00
.....	50.45	6,686.54	377.16	33.92	6,552.17
.....	.....	225.00	.....	.....	225.00
.....	.....	7.35	.....	.....	7.35
.....	10.50	24.20	.....	.....	24.20
.....	.....	5.00	.....	.....	.....
844.52	151.95	4,508.81	38.20	.....	4,441.86
.....	.....	4.70	.....	.....	4.70
.....	.....	20.50	.....	.....	.....
.....	.....	36.70	.....	.....	36.70
.....	1.80	42.61	.....	.....	42.61
.....	.44	21.05	2.28	.....	21.61
.....	.....	16.00	.....	.....	16.00
.....	.....	20.25	.....	.....	20.25
.....	.....	23.00	.....	.....	23.00
.....	4.20	30.60	.....	.....	30.60
.....	19.17	2,308.46	26.41	.....	2,289.29
.....	65.78	6,000.97	35.58	26.43	5,908.71
.....	.....	8.00	.....	.....	8.00
.....	.....	12.50	.....	.....	.....
.....	.....	28.00	.....	.....	.....
.....	4.54	63.05	4.24	.....	.....
.....	.....	28.30	4.47	.....	28.30
.....	.....	20.77	.....	.....	20.77
.....	.....	6.00	.....	.....	.....
.....	.....	1.03	.....	.....	1.03
.....	59.94	1,022.74	.....	82.09	890.71
.....	8.50	133.96	1.23	.....	133.96
.....	.....	43.37	15.95	.....	43.37
.....	.....	5.00	.....	.....	.....
.....	.....	9.85	9.85	.....	9.85
.....	18.00	34.00	.63	.....	23.00
.....	.....	29.36	.....	.....	.....
904.54	1,253.02	48,810.80	327.62	.....	.....

MILEAGE OPERATED.

A Comparative Statement of Railroad Mileage Operated in Wisconsin on

Name of Company.	Miles of road operated on June 30, 1907, excluding trackage rights.	Miles of road operated on June 30, 1908, excluding trackage rights.	Increase for the year.	Decrease for the year.
Abbotsford & N. E.....	15.16	15.16		
Ahnapee & Western	34.00	34.00		
Ashland, Odanah & M..	28.00	27.50	1.50	
Bayfield Transfer	15.86	15.86		
Big Falls Ry. Co.....	21.00	21.00		
C., M. & St. P.....	1,722.77	1,774.12	51.35	
Chicago & Northwestern	1,909.79	1,974.47	4.68	
C., St. P., M. & O.....	756.69	756.61		.08
Chl., Burl. & Quincy....	222.57	222.57		
Chicago, L. S. & East...	19.46	19.42		.04
Chi., Harv. & Geneva L.	5.50	5.50		
Chicago & Lake Superior	3.24	3.24		
Chp. River & Northern...	18.00	18.00		
Chp. Val. & Northern...	15.53	19.32	3.79	
Drummond & S. W.....	8.18	8.18		
Duluth, S. S. & Atlantic	110.37	112.39	2.02	
Dunbar & Wausaukee...	15.50	13.50		
Fairchild & Northeastern	38.00	38.00		
Great Northern	37.69	37.47		.22
Green Bay & Western...	225.00	225.00		
Haw., Nebag. & Sup....	7.35	7.35		
Hazelhurst & S. E.....	13.70	13.70		
Hillsboro & Northeastern	5.00	5.00		
Illinois Central	91.31	91.31		
Iola & Northern	4.70	4.70		
J. R. D. L. Co., L. Ry.	20.50	20.50		
Kewaunee, G. B. & W...	36.70	36.70		
La Crosse & S. E.....	40.81	40.81		
Lake Sup. Ter. & T.....	18.33	20.61	2.28	
Laona & Northern.....	16.00	16.00		
Marathon Co. Ry. Co....	20.25	20.25		
Marinette, T. & W.....	43.77	23.00		20.77
Mineral Point & N.....	26.40	26.40		
M., St. P. & S. Ste. M..	353.01	353.01		
Northern Pacific	144.68	144.23		.45
N. W. Coal Ry. Co.....	8.00	8.00		
R. L. & V. Co., L. Ry.	12.50	12.50		
Robbins Ry. Co.....	30.00	28.00		2.00
Stanley, Merrill & P....	51.15	55.00	3.85	
Superior & Southeastern	23.83	28.30	4.47	
Tomahawk & Eastern...		20.77	20.77	
Whiteomb & Morris	6.00	6.00		
Winona Bridge Ry. Co...	.54	.54		
Wisconsin Central	958.07	958.07		
Wisconsin & Michigan ..	67.10	69.27	2.17	
Wisconsin & Northern...	27.42	43.37	15.95	
Wis., Ruby & Southern	5.62	5.00		.62
Wisconsin Western	51.97			51.97
Waupaca-Green Bay		9.85	9.85	
Wisconsin Northwestern.		16.00	16.00	
Mattoon Ry. Co.....	29.36	29.36		
Total	7,202.38	7,354.91	62.53	

WISCONSIN, 1907 AND 1908.

June 30, 1907, and June 30, 1908, as Reported to the Railroad Commission.

Miles of road operated under track-age rights on June 30, 1908.	Total miles of road operated on June 30, 1908, including trackage rights.	Remarks.
	15.18	
	34.00	
1.50	29.00	No explanation given for increase in mileage.
	15.86	
	21.00	
8.98	1,783.10	Wisconsin & Western Ry., 51.97 miles, now operated by this road. Rearrangement in tracks caused a decrease in mileage of .82 miles.
	1,074.47	Extensions: Millbrig to Hazel Green, 2.70 miles; At Wolf Riv. Val. Jct., 1.98 miles.
1.28	757.80	Changes in line causing decrease of .08 miles.
.53	223.10	
	19.42	New line built .28 miles; tracks taken up .32 miles.
	5.50	
	3.24	
	18.00	
	19.32	Spur extensions, 3.79 miles.
	8.18	
2.40	115.79	Changes in branches and spurs causing increase of 2.02 miles.
	13.50	
	38.00	
5.88	43.35	No explanation given for decrease in mileage.
	225.00	
	7.35	The operation of this road was abandoned on Sept. 20, 1907.
10.50	24.20	
	5.00	
	91.81	
	4.70	
	20.50	
	36.70	
1.80	42.61	
.44	21.05	Extensions: 2.28 miles.
	16.00	
	20.25	
	23.00	20.77 miles leased to T. & E. Ry. Co., Aug. 12, 1907.
4.20	3,060	
	353.01	
1.43	145.60	Extension of Bay Front line in Superior, .68 mile. No explanation for decrease given.
	8.00	
	12.50	
	28.00	No explanation given for decrease in mileage.
4.54	59.54	Extensions: 3.85 miles.
	28.30	Extension of "West Branch," 4.47 miles.
	20.77	Operated by Marinette, Tomahawk & W. Ry. in 1907.
	6.00	
	.54	
28.92	896.99	
6.68	75.95	No explanation given for the increase in mileage.
	43.37	Extension: Neopit to Van Ostrand, 15.61 miles; Brandon, south, .34 miles.
	5.00	No explanation given for decrease in mileage.
	9.85	Reported by C., M. & St. P. Ry. Co., 1908.
18.00	34.00	New road.
	20.36	New road.
98.08	7,458.90	

TRACK MILEAGE OPERATED
(Excluding Trackage Rights) as Reported to the Railroad
Wisconsin.

Name of Company.	Miles of single track.	Miles of second track.	Miles of third track.	Miles of fourth track.	Miles of yard track and sidings.	Total.
Abbotsford & Northeast'n	15.16				1.49	16.65
Ahnapee & Western	34.00				3.21	37.21
Ashland, Odanah & M.	27.50				1.00	28.50
Bayfield Transfer	15.86					15.86
Big Falls Ry. Co.	21.00					21.00
Chi., Milw. & St. P.	1,774.12	189.10	2.24		891.80	2,857.26
Chicago & Northwestern	1,974.47	169.83	89.00	35.54	905.47	3,134.31
Chi., St. P., M. & O.	756.61	59.35			246.72	1,062.68
Chi., Burlington & Q.	222.57	9.70			68.98	300.25
Chi., Lake Shore & E.	19.42					19.42
Chi., Harv. & Geneva L.	5.50				.50	6.00
Chicago & Lake Superior	8.24					8.24
Chippewa R. & Northern	18.00					18.00
Chippewa V. & Northern	19.32					19.32
Drummond & Southwestern	8.18				12.92	21.10
Dul., S. S. & Atlantic	112.39				18.21	130.60
Dunbar & Wausaukee	18.50					18.50
Fairchild & Northeastern	38.00				2.00	40.00
Great Northern	37.47	21.99			90.33	149.71
Green Bay & Western	235.00				28.81	263.81
Haw., Nebag. & Sup.	7.35					7.35
Hazelhurst & Southeastern	13.70				1.00	14.70
Hillsboro & Northeastern	5.00				.75	5.75
Illinois Central	91.81				12.24	108.55
Iola & Northern	4.70				.68	5.38
J. R. D. L. Co., L. Ry.	20.50				6.00	26.50
Kewaunee, G. B. & W.	36.70				6.41	43.11
La Crosse & S. E.	40.81				3.18	43.99
Lake Superior T. & T.					20.61	20.61
Laona & Northern	16.00					16.00
Marathon Co. Ry. Co.	20.25					20.25
Marquette, T. & W.	23.00				7.25	30.25
Mineral Point & Northern	26.40				3.04	29.44
M., St. P. & S. Ste. M.	858.01				75.51	933.52
Northern Pacific	144.23	9.33			51.72	205.28
N. W. Coal Ry. Co.	8.00					8.00
R. L. & V. Co., L. Ry.	12.50					12.50
Robbins Ry. Co.	28.00					28.00
Stanley, Merrill & Phil.	48.97				8.51	57.48
Superior & Southeastern	28.30					28.30
Tomahawk & Eastern	20.77				1.05	21.82
Whitcomb & Morris	6.00					6.00
Winona Bridge Ry. Co.	.54					.54
Wisconsin Central	858.07				231.77	1,089.84
Wisconsin & Michigan	69.27				19.01	88.28
Wisconsin & Northern	43.37				4.00	47.37
Wis., Ruby & Southern	5.00				1.00	6.00
Waupaca-Green Bay	9.85				.60	10.45
Wisconsin Northwestern	16.00				10.00	26.00
Mattoon Ry. Co.	29.36					29.36
Total	7,828.27	458.23	41.24	35.54	2,730.71	10,598.99

¹ Includes 73.26 miles of additional main track.

WISCONSIN AND WHOLE LINE.

Commission for the Year Ending June 30, 1908.

Whole Line.

Miles of single track.	Miles of second track.	Miles of third track.	Miles of fourth track.	Miles of yard track and sidings.	Total.
15.16				1.49	16.65
34.00				3.21	37.21
27.50				1.00	28.50
15.86					15.86
21.00					21.00
7,286.09	450.96	9.68	3.04	2,260.61	10,010.33
7,652.23	824.46	88.94	77.91	2,870.79	11,439.33
1,659.97	85.29	3.13	2.50	547.69	2,298.68
8,809.09	580.24	23.56		2,590.72	11,948.60
328.29	10.33				338.61
11.00				.61	11.61
3.24					3.24
18.00					18.00
19.32					19.32
8.18				12.92	21.10
588.30	2.50			146.32	737.52
13.50					13.50
38.00				2.00	40.00
6,586.09	131.24	9.23	13.05	1,613.31	8,357.82
225.00				23.81	253.81
7.35					7.35
13.70				1.00	14.70
5.00				.75	5.75
14,515.12	684.32	13.67	13.81	1,799.95	7,026.87
4.70				.68	5.38
20.50				6.00	26.50
26.70				6.41	33.11
40.81				3.18	43.99
				20.61	20.61
16.00					16.00
20.25					20.25
23.00				7.25	30.25
26.40				3.04	29.44
2,289.29				333.39	2,621.68
5,935.19	314.75	1.58		1,064.63	7,916.15
8.00					8.00
12.50					12.50
23.00					23.00
43.97				3.51	52.48
23.30					23.30
20.77				1.05	21.82
6.00					6.00
1.08					1.08
902.80	20.11			231.03	1,263.94
125.46				23.08	158.54
43.37				4.00	47.37
5.00				1.00	6.00
9.85				.60	10.45
16.00				10.00	26.00
29.36					29.36
47,689.14	3,104.19	144.83	110.81	14,250.04	65,248.51

RENEWAL OF RAILS,
New Rails Laid by Roads Operating in Wisconsin as Reported to the

Name of Company.	50 to 60 lbs. per yard. Tons.	60 to 67 lbs. per yard. Tons.	70 to 73 lbs. per yard. Tons.	75 to 79 lbs. per yard. Tons.
Abbotsford & N. E.....			275	
Ahnapee & Western				
Ashland, Odaunah & M.....				
Balfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P.....				10,552
Chicago & Northwestern	16		1,587	
C., St. P., M. & O.....				
Chi., Burl. & Quincy.....		289		
Chi., L. S. & Eastern.....				
Chi., Harv. & G. Lake.....				
Chicago & Lake Sup.....				
Chipp. River & Northern.....				
Chipp. Val. & Northern.....				
Drummond & S. W.....				
Duluth, S. S. & Atlantic.....				
Duluth, Sup. & W. Ter.....				
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern				17
Green Bay & Western.....			383	1,035
Hawthorne, Neb. & Sup.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central				
Iola & Northern.....				
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				
Lake Sup. T. & Trans.....				120
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marinette, Tom. & W.....				
Mineral Pt. & Northern.....				
M., St. P. & S. St. M.....				
Northern Pacific			1	
N. W. Coal R'y Co.....				
Oshkosh Trans. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.				
Stanley, Merrill & P.....	102			
Superior & S. E.....	4			
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wis., Ruby & Southern.....				
Waupaca-Green Bay				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total	122	289	2,251	11,724

WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

80 lbs. per yard. Tons.	85 lbs. per yard. Tons.	90 lbs. per yard. Tons.	Total number of tons.	Average price per ton at distributing point.
			275	\$30 00
			10,552	28 00
2		7,908	9,513	28 00
3,672		123	3,795	29 31
	1,074		1,363	29 81
	7		24	30 03
			1,423	27 27
	16		136	32 18
	2,625		2,626	30 00
			102	27 75
			4	32 53
	3,672		3,072	28 58
3,674	7,394	8,031	33,485	\$28 13

RENEWAL OF RAILS,
New Rails Laid by Roads Reporting to the

Name of Company.	50 to 65 lbs. per yard. Tons.	66 to 67 lbs. per yard. Tons.	70 to 73 lbs. per yard. Tons.	75 to 79 lbs. per yard. Tons.
Abbotsford & N. E.....			275	
Ahnapee & Western.....				
Ashland, Odanah & M.....				
Bayfield Transfer				
Big Falls R'y Co.....				
C., M. & St. P.....				39,533
Chicago & Northwestern.....	1,469		27,262	
C., St. P., M. & O.....		3	678	
Chl., Burl. & Quincy.....		11,882		2,553
Chicago, L. S. & E.....				
Chl., Harv. & G. Lake.....				
Chicago & L. Superior.....				
Chp. River & Northern.....				
Chp. Valley & Northern.....				
Drummond & S. W.....				
Duluth, S. S. & Atlantic.....				
Duluth, Sup. & W. Ter.....				
Dunbar & Wausaukee.....				
Fairchild & N. E.....				
Great Northern	4	76	39	159
Green Bay & Western.....			388	1,035
Hawthorne, Neb. & Sup.....				
Hazelhurst & S. E.....				
Hillsboro & N. E.....				
Illinois Central				
Iola & Northern.....				
J. R. D. L. Co., L. R'y.....				
Kewaunee, G. B. & W.....				
La Crosse & S. E.....				120
Lake Sup. Ter. & T.....				
Laona & Northern.....				
Marathon Co. R'y Co.....				
Marquette, Tom. & W.....				
Mineral Pt. & Northern.....				
M., St. P. & S. St. M.....	12,392		14,020	
Northern Pacific	1	629	68	
N. W. Coal R'y Co.....				
Oshkosh Trans. Co.....				
R. L. & V. Co., L. R'y.....				
Robbins R'y Co.....				
Stanley, Merrill & P.....	102			
Superior & S. Eastern.....	4			
Tomahawk & Eastern.....				
Whitcomb & Morris.....				
Winona Bridge R'y Co.....				
Wisconsin Central				
Wisconsin & Michigan.....				
Wisconsin & Northern.....				
Wis., Ruby & Southern.....				
Waupaca-Green Bay				
Wisconsin Northwestern.....				
Mattoon R'y Co.....				
Total	13,972	12,089	42,730	43,409

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Railroad Commission for the Year Ending June 30, 1908.

80 lbs. per yard. Tons.	85 lbs. per yard. Tons.	90 lbs. per yard. Tons.	100 lbs. per yard. Tons.	Total number of tons.	Average price per ton at dis- tributing point.
				275	\$30 00
8		18,686		39,536	28 00
6,648		124		47,425	28 11
	91,861		3,619	7,452	28 57
				109,421	29 81
2,617				2,617	31 95
713	22,688	15,744		39,423	31 09
				1,423	27 27
	30,642			30,642	28 99
	16			136	32 13
3,724				30,136	28 31
	30,351	2,035		33,061	27 93
				102	27 75
				4	32 53
	3,882			3,882	28 58
13,710	179,440	36,589	3,619	345,558	\$27 53

NEW TIES LAID.

On Roads Operating in Wisconsin as Reported to the

Name of Company.	Oak.		Tamarack.		Pine.		Cedar.	
	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point.
Abbotsford & Northeastern.....							6,294	36.37
Ahnapee & Western							1,252	53.00
Ashland, Odanah & M.								
Bayfield Transfer							7,477	30.00
Big Falls R'y Co.								
Chicago, Mil. & St. Paul.....								
Chicago & Northwestern.....	200,530	66.03						
Chi., St. P., M. & Omaha.....	28,144	76.00	36,130	49.00	2,668	46.00	79,478	56.00
Chicago, Burl. & Quincy.....	76,725	67.00						
Chicago, Lake Shore & E.								
Chi., Harv. & Geneva Lake....								
Chicago & Lake Superior.....								
Chippewa River & Northern....								
Chippewa Valley & Northern....								
Drummond & Southwestern....								
Duluth, S. S. & Atlantic.....	1,004	42.77	787	29.50			2,218	38.55
Duluth, Sup. & Western T.								
Dunbar & Wausaukee								
Fairchild & Northeastern								
Great Northern	3,546	58.35						
Green Bay & Western.....	5,048	55.00					18,761	58.00
Hawthorne, Nebag. & Sup.								
Hazelhurst & Southeastern....			1,037	50.02				
Hillsboro & Northeastern.....								
Illinois Central	17,706	52.00			14,063	52.00		
Iola & Northern								
J. R. Davis L. Co., Log. R'y.								
Kewaunee, Green Bay & W....	449	55.00					830	58.00
La Crosse & Southeastern.....								
Lake Sup. Terminal & Trans.			4,047	41.00				
Laona & Northern								
Marathon County R'y Co.								
Marinette, Tom. & Western....								
Mineral Point & Northern....								
Mpols., St. P. & S. Ste. M.								
Northern Pacific	3,152	62.30	54,529	60.60				
Northwestern Coal R'y Co.	307	56.00	2,400	58.00	210	56.00	143	60.00
Oshkosh Transportation Co.								
Roddis L. & V. Co., L. R'y.								
Robbins R'y Co.								
Stanley, Merrill & Phillips....			12,030	41.00				
Superior & Southeastern.....			2,100	32.00			1,103	32.00
Tomahawk & Eastern								
Whitcomb & Morris								
Winona Bridge R'y Co.								
Wisconsin Central								
Wisconsin & Michigan.....			997	30.00			13	45.00
Wisconsin & Northern.....								
Wisconsin, Ruby & Southern....								
Waupaca-Green Bay								
Wisconsin Northwestern								
Mattoon R'y Co.								
Total	326,631	63.42	114,066	53.06	7,541	49.99	117,641	50.85

¹ Treated.

WISCONSIN, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Hemlock.		Mixed.		Culls.		Bridge.		Switch.		Total.	
No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
2,540	45.00									6,274	36.37
3,000	25.00									3,792	47.64
										10,477	29.00
		378,886	62.02							378,835	62.02
		388,996	47.69							589,536	57.78
28,515	41.00	4,705	41.00	11,230	21.00					205,871	52.67
		22,347								90,072	
		1,056	20.00							1,055	20.00
4,339	10.75									4,339	10.75
32,002	33.24			808	12.20	280	\$2.04	954	62.50	38,138	31.95
		4,384	25.00							4,334	25.00
		19,975	53.39			3,113	1.35			26,688	63.47
48,319	46.00									72,128	49.75
										1,037	50.62
										12,339	52.01
1,800	43.00									1,800	43.00
6,828	46.00	802	46.00							8,978	47.95
								531	122.00	4,608	51.00
		4,350	24.00							4,350	24.00
		137,286	34.15	3,202	10.16					137,588	33.87
		3,163	75.80							60,844	61.50
										3,060	56.20
1,575	43.00									1,575	43.00
										12,030	41.00
11,270	32.00									11,406	32.00
		2,150	24.00							2,150	24.00
		1,800	20.00							1,800	20.00
		47	71.00							47	71.00
		285,919	35.80			6,922	1.174	11,805	106.00	304,676	40.70
1,583	30.00	46	28.00	1,143	15.00					3,782	24.00
3,749	15.00									3,749	15.00
190,451	38.94	1,254,885	47.71	16,538	14.85	10,315	\$1.25	13,320	104.00	2,021,419	51.71

NEW TIES LAID,

On Roads Operating in Wisconsin as Reported to the

Name of Com- pany.	Oak.		Tamarack.		Pine.		Cedar.	
	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
Abbotsford & N. E.							6,294	36.37
Ahnapee & Western.							1,252	53.00
Ashland, Odanah & M.							7,477	80.00
Bayfield Transfer								
Big Falls R'y Co.								
C., M. & St. P.								
Chicago & Northwestern.	629,213	67.31						
C., St. P., M. & O.	89,552	89.00	63,331	50.00	5,283	48.00	138,838	59.00
Chi., Burl. & Quincy	1,732,689	67.00						
Chicago, L. S. & Eastern	1,447	65.00					233	62.00
Chi., Harv. & Geneva L.							500	65.00
Chicago & Lake Superior.								
Chipp. River & Northern.								
Chipp. Valley & Northern.								
Drummond & S. E.								
Duluth, S. S. & Atl.	1,104	42.77	35,998	20.50			42,260	38.55
Duluth, Sup. & W. T.								
Dunbar & Wausaukee								
Fairchild & N. E.								
Great Northern	48,055	50.58						
Green Bay & W.	5,048	55.00					18,761	58.00
Hawthorne, Nebag. & S.								
Hazelhurst & S. E.			1,037	50.02				
Hillsboro & N. E.								
Illinois Central	307,183	45.00			1,252,337	52.00		
Iola & Northern								
J. R. D. L. Co., L. Ry.								
Kewaunee, G. B. & W.	419	55.00					899	58.00
La Crosse & S. E.								
Lake Superior T. & T.			4,047	44.00				
Laona & Northern								
Marathon Co. Ry. Co.								
Marquette, T. & W.								
Mineral Point & N.								
M., St. P. & S. S. M.								
Northern Pacific	48,984	61.30	946,745	57.40				
N. W. Coal Ry. Co.	307	53.00	2,400	53.00	210	53.00	113	60.00
Oshkosh Trans. Co.								
R. L. & V. Co., L. Ry.								
Robbins Ry. Co.								
Stanley, M. & P.			12,030	41.00				
Superior & S. E.			2,100	32.00			1,103	32.00
Tomahawk & Eastern								
Whitcomb & Morris								
Winona Bridge Ry. Co.								
Wisconsin Central								
Wisconsin & Michigan			1,805	30.00			21	45.00
Wisconsin & Northern.								
Wisconsin, R. & S.								
Waupaca-Green Bay								
Wisconsin N. W.								
Mattoon Ry. Co.								
Total	2,814,081	60.74	1,069,582	54.74	1,264,860	51.98	217,850	53.05

¹ Red oak and pine, treated.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

Railroad Commission for the Year Ending June 30, 1908.

Hemlock.		Mixed.		Culls.		Bridge.		Switch.		Total.	
No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.	No.	Av. price at distributing point. Cts.
2,540	45.00									6,294	33.37
3,000	25.00									3,792	47.84
										10,477	29.00
		1,419,579	62.02							1,419,579	62.02
88,587	42.00	1,311,198	53.21	24,421	24.00					1,940,407	57.78
		6,001	41.00							200,083	54.00
		1,998,105								3,725,704	
263	66.00	19,109	65.00	691	65.00					21,803	65.00
		733	57.00							1,233	60.50
		1,056	20.00							1,056	20.00
4,330	10.75									4,330	10.75
110,877	23.21	909	39.16	3,958	12.20	2,469	204.80	6,490	62.50	201,015	33.37
		4,381	25.00							4,381	25.00
		2,015,655	51.00			141,838	73.79			2,205,573	52.10
48,319	45.00									72,128	49.75
										1,037	50.02
		90,730	40.00							1,657,280	50.04
1,800	46.00									1,800	46.00
6,826	46.00	802	46.00							8,978	47.65
								561	122.00	4,608	54.00
		4,350	24.00							4,350	24.00
		519,948	38.68	18,568	19.84			651	90.00	539,182	34.30
		1,723,656	47.20							2,719,385	50.00
1,575	43.00									3,039	53.20
										1,575	43.00
										12,030	41.07
11,209	32.00									14,403	32.07
		2,150	24.00							2,150	24.00
		1,800	20.00							1,800	20.07
		323,711	35.80			8,177	117.40	14,636	106.80	346,524	40.70
2,868	30.00	84	28.00	2,067	15.00					6,857	24.07
3,749	15.00									3,749	15.00
280,986	38.19	9,427,963	50.98	49,768	21.37	152,513	72.58	23,333	98.04	15,809,769	52.12

CONSUMPTION OF FUEL BY
On Roads Operating in Wisconsin as Reported to the
Freight Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & Northeastern....	941	.....	45	961	10,011	192.48
Ahnapee & Western.....	341	.....	.....	341	6,913	92.48
Ashland, Odanah & Marengo.	.....	.....	.....	.....	.....	.....
Bayfield Transfer	1573	.....	.....	1573	130,000	38.20
Big Falls R'y Co. ....	.....	.....	.....	.....	.....	.....
Chicago, Mil. & St. Paul....	377,234	.....	546	378,323	4,850,026	151.01
Chicago & Northwestern.....	510,828	878	1,757	512,272	4,934,371	207.61
Chi., St. P., M. & Omaha....	148,268	.....	1,999	149,238	2,006,571	148.78
Chicago, Burlington & Quincy	.....	.....	.....	.....	.....	.....
Chicago, Lake Shore & E....	.....	.....	.....	.....	.....	.....
Chicago, Harv. & G. Lake....	.....	.....	.....	.....	.....	.....
Chicago & Lake Superior....	.....	.....	.....	.....	.....	.....
Chippewa River & Northern....	.....	.....	.....	.....	.....	.....
Chippewa Valley & Northern	.....	.....	.....	.....	.....	.....
Drummond & Southwestern....	.....	.....	.....	.....	.....	.....
Duluth, South Shore & Atl...	9,833	.....	87	9,950	161,596	120.90
Dunbar & Wausaukee.....	.....	.....	.....	.....	.....	.....
Fairchild & Northeastern....	.....	.....	.....	.....	.....	.....
Great Northern .....	.....	.....	.....	.....	.....	.....
Green Bay & Western.....	8,811	.....	.....	8,811	151,234	112.70
Hawthorne, Neb. & Superior.	.....	.....	.....	.....	.....	.....
Hazelhurst & Southeastern....	1,025	.....	.....	1,025	11,272	181.77
Hillsboro & Northeastern....	.....	.....	.....	.....	.....	.....
Illinois Central	6,975	17	.....	6,983	87,567	150.57
Iola & Northern .....	.....	.....	.....	.....	.....	.....
J. R. Davis L. Co., Log. R'y	.....	.....	.....	.....	.....	.....
Kewaunee, Green Bay & W...	675	.....	.....	675	11,791	115.37
La Crosse & Southeastern....	.....	.....	.....	.....	.....	.....
Lake Sup. Term. & Transfer.	.....	.....	.....	.....	.....	.....
Laona & Northern.....	.....	.....	.....	.....	.....	.....
Marathon County R'y Co....	.....	.....	.....	.....	.....	.....
Marinette, Tom. & Western....	11,638	.....	164	11,670	117,017	194.27
Mineral Point & Northern....	.....	.....	.....	.....	.....	.....
M., St. P. & Sault Ste. M....	43,107	.....	415	43,315	571,837	151.59
Northern Pacific	12,779	10	90	12,830	190,405	134.76
Northwestern Coal R'y Co....	.....	.....	.....	.....	.....	.....
Rodd's L. & V. Co., Log. R'y	.....	.....	.....	.....	.....	.....
Robbins R'y Co. ....	.....	.....	.....	.....	.....	.....
Stanley, Merrill & Phillips...	640	3	13	648	15,152	85.00
Superior & Southeastern....	.....	.....	.....	.....	.....	.....
Tomahawk & Eastern.....	1151	.....	122	1170	114,217	23.10
Witcomb & Morris.....	.....	.....	.....	.....	.....	.....
Wisconsin Central	220,187	.....	1,351	220,831	2,428,835	181.87
Wisconsin & Michigan.....	2,334	.....	30	2,340	46,136	101.19
Wisconsin & Northern.....	.....	.....	.....	.....	.....	.....
Wisconsin, Ruby & Southern	.....	.....	.....	.....	.....	.....
Waupaca-Green Bay .....	.....	.....	.....	.....	.....	.....
Wisconsin Northwestern .....	.....	.....	.....	.....	.....	.....
Mattoon R'y Co. ....	.....	.....	.....	.....	.....	.....
Total	1,346,381	908	6,422	1,351,020	15,552,881	173.71

* Including all revenue service.

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Passenger Locomotives.

Bitu- minous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
170,280		217	170,714	3,432,826	93.46
208,687	774	1,548	209,957	4,341,458	93.72
63,835		831	64,265	1,415,255	70.82
4,908		39	4,947	151,397	65.35
3,977			3,977	138,050	57.37
6,642	16		6,653	83,388	153.51
13,374		131	13,439	363,471	73.95
4,921	6	54	4,952	152,470	61.96
9		1	10	136	150.00
83,491		717	83,858	1,508,271	101.94
1,946		20	1,956	69,375	57.63
562,058	796	3,588	564,728	11,716,697	96.40

CONSUMPTION OF FUEL BY

Mixed Locomotives.

Name of Company.	Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & Northeastern...						
Ahnapee & Western.....	1,284			1,284	42,701	66.13
Ashland, Odanah & M.....	1,535		100	1,685	146,380	68.35
Bayfield Transfer						
Big Falls R'y Co.....						
Chi., Mil. & St. Paul.....	30,696		38	30,774	511,481	120.33
Chicago & Northwestern.....	16,184	64	126	16,360	356,360	91.45
C., St. P. M. & O.....	9,142		123	9,208	257,055	71.00
Chicago, Burlington & Quincy						
Chicago, L. Shore & Eastern.						
Chi., Harv. & Geneva Lake...	585			585	24,009	43.69
Chicago & Lake Superior....	740			740	9,300	158.12
Chippewa River & Northern...						
Chippewa Valley & Northern						
Drummond & Southwestern...						
Duluth, South Shore & Atl...						
Dunbar & Wausaukee.....						
Fairchild & Northeastern...						
Great Northern						
Green Bay & Western.....	4,962			4,932	135,648	73.16
Hawthorne, Nebag. & Sup....	200		20	210	1,100	381.00
Hazelhurst & Southeastern						
Hillsboro & Northeastern...						
Illinois Central	1,250	3		1,252	15,681	153.65
Iola & Northern	384			384	11,803	65.05
J. R. Davis L. Co., L. R'y.						
Kewaunee, Green Bay & W...	1,944			1,944	45,216	85.99
La Crosse & Southeastern...	2,530		23	2,541	60,985	83.40
Lake Sup. Ter. & Transfer...						
Laona & Northern						
Marathon County R'y Co.....						
Marinette, Tomahawk & W...						
Mineral Point & Northern...	2,513			2,513	33,497	150.04
Mpols., St. P. & S. St. M...	2,469		28	2,483	62,189	79.85
Northern Pacific	1,425	1	10	1,431	23,975	119.38
Northwestern Coal R'y Co...						
Roddie L. & V. Co., L. R'y...						
Robbins R'y Co.....						
Stanley, Merrill & Phillips...	1,160	6	20	1,174	25,010	94.00
Superior & Southeastern...						
Tomahawk & Eastern.....						
Whitcomb & Morris.....						
Wisconsin Central						
Wisconsin & Michigan.....	746		8	750	17,226	86.67
Wisconsin & Northern.....	1,921			1,921	47,960	80.00
Wisconsin, Ruby & Southern						
Wanpaca-Green Bay						
Wisconsin Northwestern						
Mutton R'y Co.						
Total	81,612	74	496	81,966	1,727,499	94.05

¹ Including switching and non-revenue service locomotives.

² Power house.

Special Locomotives.

[illegible]

CONSUMPTION OF FUEL BY LOCOMOTIVES,
Switching Locomotives.

Name of Company.	Bitu- minous coal. Tons.	Wood.		Total fuel con- sumed. Tons.	Miles run.	Average pounds con- sumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chl., Milw. & St. P.	104,950		109	105,158	2,500,730	84.11
Chicago & N. W.	120,383	435	871	121,112	2,450,353	98.85
C., St. P., M. & O.	23,165		313	23,322	557,732	33.63
Chicago, Burl. & Q.						
Chicago, L. S. & E.						
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.	309		20	323	14,088	46.61
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern						
Green Bay & W.	1,740			1,740	43,381	80.21
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	261	1		262	3,281	150.12
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.	162			162	3,514	92.20
La Crosse & S. E.						
Lake Superior T. & T.	7,621		70	7,651	178,830	83.10
Laona & Northern						
Marathon Co. Ry. Co.						
Marquette, T. & W.						
Mineral Point & N.						
M., St. P. & S. S. M.	1,228		5	1,231	32,169	76.53
Northern Pacific	681	2	13	683	96,945	14.19
N. W. Coal Ry. Co.	680			680	23,400	58.12
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.	1,424	6	23	1,441	31,208	81.00
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	33,376		480	33,616	534,831	125.70
Wisconsin & Michigan	409		4	411	10,131	70.38
Wisconsin & Northern						
Wisconsin, R. & S.						
Wausau-Green Bay						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	296,302	444	1,011	2,978,817	5,483,581	91.88

WISCONSIN, 1908.—Continued.

Non-revenue Service Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
218			218	3,717	117.30
11,609		22	11,653	284,525	88.11
13,314	38	118	13,412	331,350	80.95
7,103		96	7,151	116,769	122.48
701		1	702	21,032	66.77
594			594	10,380	114.45
180			180	2,272	158.45
190			190	2,355	191.20
1,272		1	1,272	31,251	81.11
1,045			1,046	22,458	93.15
411	2	8	416	9,504	87.00
10,374		46	10,397	130,570	148.98
202		3	203	5,874	68.61
47,213	60	25	47,434	961,148	98.71

CONSUMPTION OF FUEL BY

Totals for

Name of Company.	Bituminous coal.		Hard wood.	
	Number of tons.	Average cost at distributing point.	Number of cords.	Average cost at distributing point.
Abbotsford & N. E.....	941	\$2.95		
Ahnapee & Western.....	1,846	3.00		
Ashland, Odanah & M..	1,535	3.40		
Bayfield Transfer	573	3.90		
Big Falls Ry. Co.....				
Chl., Milw. & St. P.....	695,000	2.13		
Chicago & Northwestern.	870,171	1.94	2,311	2.35
Chl., St. P., M. & O....	251,602	2.90		
Chl., Burlington & Q....				
Chl., Lake Shore & E....				
Chl., Harv. & Geneva L.	525	2.80		
Chl., & Lake Superior...	740			
Chippewa R. & Northern				
Chippewa V. & Northern				
Drummond & S. W.....				
Dul., S. S. & Atlantic...	15,806	3.09		
Dunbar & Wausaukee....				
Fairchild & N. E.....				
Great Northern				
Green Bay & W.....	20,084	2.75		
Haw., Nebag. & Sup.....	300	4.25		
Hazelhurst & S. E.....	1,025	4.25		
Hillsboro & N. E.....				
Illinois Central	15,313	1.42	37	2.26
Iola & Northern.....	384	3.00		
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W..	2,971	3.00		
La Crosse & S. E.....	2,580	3.05		
Lake Superior T. & T...	7,621	3.01		
Laona & Northern				
Marathon Co. Ry. Co...				
Marquette, T. & W.....	1,638	4.50		
Mineral Point & N.....	2,513	3.47		
M., St. P. & S. S. M....	61,474	2.93		
Northern Pacific	20,858	3.04	19	2.35
N. W. Coal Ry. Co.....	630	2.83		
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P....	3,657	4.50	18	3.00
Superior & Southeastern				
Tomahawk & Eastern ..	159	4.50		
Whitcomb & Morris				
Wisconsin Central	347,436	1.66		
Wisconsin & Michigan ..	5,674	3.00		
Wisconsin & Northern ..	1,921	4.25		
Wisconsin, Ruby & S....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	2,384,857	\$2.13	2,285	\$2.34

LOCOMOTIVES, WISCONSIN—concluded.

Wisconsin.

Soft wood.		Total fuel consumed.		Miles run.	Average pounds consumed per mile.
Number of cords.	Average cost at distributing point.	Number of tons.	Average cost at distributing point.		
45		964	\$2.95	10,011	192.48
		1,846	3.00	53,337	69.22
100	\$1.00	1,536	3.40	46,330	68.35
		573	3.90	30,000	83.20
982	2.08	696,964	2.13	11,568,133	120.48
4,423	2.33	373,357	1.95	12,422,321	140.69
3,338	1.50	253,299	2.90	4,355,652	116.81
		525	3.00	24,000	43.69
		740		9,330	158.12
147	1.49	15,953	3.09	351,549	90.76
		20,084	2.75	434,336	82.94
30	2.00	210	4.23	1,100	331.00
		1,025	4.25	11,272	131.77
		15,333	1.43	192,237	159.55
		334	3.00	11,306	65.05
		2,971	3.00	62,737	94.64
23	3.00	2,541	3.05	60,335	83.40
70	2.33	7,656	3.03	178,300	86.19
64	1.00	1,670	4.45	17,017	196.27
		2,513	3.47	33,497	150.04
579	1.73	61,734	2.93	1,093,176	113.30
168	2.35	30,954	3.05	430,474	86.15
		630	2.33	23,400	59.12
63	2.50	3,703	4.50	34,333	83.00
22	1.00	170	4.34	14,219	23.91
2,597	1.23	343,735	1.63	4,071,537	149.30
66	2.00	5,637	3.00	149,405	74.01
		1,921	4.25	47,900	30.00
12,717	\$1.31	2,344,312	\$2.13	36,464,596	123.53

CONSUMPTION OF FUEL BY LOCOMOTIVES,
On Roads reporting to the Railroad Commission
Freight Locomotives.

Name of Company.	Bitu- minous coal. Tons.	Wood.		Total fuel con- sumed. Tons.	Miles run.	Average pounds con- sumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & N. E.	941		45	954	10,011	192.48
Ahnapee & Western	344			344	6,916	93.48
Ashland, Odanah & M.						
Bayfield Transfer	573			573	30,000	38.80
Big Falls Ry. Co.						
Chl., Milw. & St. P.	1,503,096		2,021	1,501,106	19,282,101	156.01
Chicago & N. W.	1,706,082	3,317	6,694	1,801,690	18,773,251	191.93
C., St. P., M. & O.	230,711		8,613	271,517	3,753,383	144.68
Chicago, Bu'l. & Q.	1,932,958		17,114	1,941,515	17,742,510	218.80
Chicago, L. S. & E.						
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.	63,564		530	66,829	1,105,515	120.90
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern	953,957	14,645		963,722	10,012,536	102.53
Green Bay & W.	8,811			8,811	156,234	112.70
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.	1,025			1,025	11,272	181.77
Hillsboro & N. E.						
Illinois Central	1,385,575	8,417		1,400,853	17,437,035	180.40
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.	675			675	11,701	115.37
La Crosse & S. E.						
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette, T. & W.	11,638		164	11,670	117,017	196.27
Mineral Point & N.						
M., St. P. & S. S. M.	214,460		2,038	215,494	2,845,257	151.48
Northern Pacific	1,480,195	773	6,953	1,484,185	13,202,582	224.83
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.	640	3	13	648	15,152	81.00
Superior & S. E.						
Tomahawk & Eastern	1159		122	1170	114,219	23.10
Whiteomb & Morris						
Wisconsin Central	256,338		1,576	257,126	2,827,610	181.87
Wisconsin & Michigan	4,228		54	4,255	83,555	101.19
Wisconsin & Northern						
Wisconsin, R. & S.						
Waupaca-Green Bay						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	9,890,970	22,188	40,767	9,926,142	107,357,900	184.90

¹ Includes all revenue service locomotives.

WHOLE LINE, 1908.

for the Year Ending June 30, 1908.

Passenger Locomotives.

[illegible]

CONSUMPTION OF FUEL BY LOCOMOTIVES,
Mixed locomotives.

Name of Company.	Bitum- inous coal. Tons.	Wood.		Total fuel con- sumed. Tons.	Miles run.	Ave. pounds con- sumed per mile.
		Hard. Cords.	Soft. Cords.			
Abbotsford & N. E.						
Ahnapee & Western	1,284			1,284	42,704	60.13
Ashland, Odanah & M.	1,535		100	1,585	146,380	108.35
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Milw. & St. P.	69,355		142	69,429	1,153,973	129.33
Chicago, & N. W.	66,766	258	518	67,197	1,488,491	90.28
C., St. P., M. & O.	21,820		307	21,974	595,494	73.80
Chicago, Burl. & Q.	137,773		1,301	138,424	1,219,351	227.00
Chicago, L. S. & E.						
Chicago, Harv. & G. L.	1,049			1,049	48,018	43.67
Chicago & L. S.	740			740	9,380	158.12
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.	666		17	675	12,687	106.45
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern	55,309	850		55,966	821,941	136.18
Green Bay & Western	4,962			4,962	135,648	73.16
Hawthorne, Nebag. & S.	200		20	210	1,100	381.00
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	16,265	40		16,292	208,721	159.94
Iola & Northern	384			384	11,806	65.05
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.	1,944			1,944	45,216	85.99
La Crosse & S. E.	2,530		23	2,511	90,935	81.40
Lake Superior T. & T.						
Laona & Northern						
Marathon Co. Ry. Co.						
Marquette, T. & W.						
Mineral Point & N.	2,513			2,513	33,177	150.04
M., St. P. & S. S. M.	15,373	176		15,461	387,293	79.84
Northern Pacific	52,710	26	221	52,811	858,192	123.14
N. W. Coal Ry. Co.						
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.	1,160	6	20	1,174	25,010	124.00
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central						
Wisconsin & Michigan	1,352		14	1,351	31,200	81.67
Wisconsin & Northern	1,921			1,921	47,939	80.00
Wisconsin, R. & S.						
Waupaca Green Bay						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	457,704	1,180	2,837	459,925	7,279,996	126.36

¹ Including switching locomotives and non-revenue service.

² Power house.

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Special locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Ave. pounds consumed per mile.
	Hard. Cords.	Soft. Cords.			
479		1	480	17,881	53.69
2,023	5	10	2,031	28,194	144.07
174		2	175	4,320	81.02
2,356		25	2,368	23,913	198.10
112		2	113	1,068	114.78
1,226	19		1,239	17,237	143.47
1,670	4		1,673	19,796	168.90
238			268	14,226	37.68
606			606	10,740	112.85
13	1		14	283	97.00
30		2	31	1,200	50.00
8,957	29	42	8,008	139,793	128.73

**CONSUMPTION OF FUEL BY LOCOMOTIVES,
Switching Locomotives.**

Name of Company.	Bitu- minous coal. Tons.	Wood.		Total fuel con- sumed. Tons.	Miles run.	Average pounds con- sumed per mile.
		Hard. cords.	Soft. cords.			
Abbotsford & N. E.						
Ahnapee & Western						
Ashland, Odanah & M.						
Bayfield Transfer						
Big Falls Ry. Co.						
Chi., Milw. & St. P.	304,152		405	304,354	7,237,423	84.11
Chicago & N. W.	473,354	1,537	3,192	476,015	8,978,159	106.04
C., St. P., M. & O.	66,432		898	66,881	1,500,382	89.15
Chicago, Burl. & Q.	447,518		4,911	449,974	8,226,070	109.40
Chicago, L. S. & E.						
Chicago, Harv. & G. L.						
Chicago & L. S.						
Chippewa R. & N.						
Chippewa V. & N.						
Drummond & S. W.						
Duluth, S. S. & Atl.	8,360		120	8,420	361,670	46.61
Dunbar & Wausaukee						
Fairchild & N. E.						
Great Northern	216,383	3,323		218,508	3,465,190	126.17
Green Bay & W.	1,740			1,740	43,384	85.21
Hawthorne, Nebag. & S.						
Hazelhurst & S. E.						
Hillsboro & N. E.						
Illinois Central	1,577,841	1,392		578,799	7,115,414	162.68
Iola & Northern						
J. R. D. L. Co., L. Ry.						
Kewaunee, G. B. & W.	162			162	3,514	92.20
La Crosse & S. E.						
Lake Superior T. & T.	7,631		70	7,656	178,830	81.19
Laona & Northern						
Marathon Co. Ry. Co.						
Marinette, T. & W.						
Mineral Point & N.						
M., St. P. & S. S. M.	18,628		73	18,695	488,231	76.49
Northern Pacific	287,478	83	710	287,005	4,631,418	121.35
N. W. Coal Ry. Co.	680			680	23,409	58.12
R. L. & V. Co., L. Ry.						
Robbins Ry. Co.						
Stanley, M. & P.	1,424	6	26	1,441	34,208	81.00
Superior & S. E.						
Tomahawk & Eastern						
Whitcomb & Morris						
Wisconsin Central	53,508		811	58,929	937,614	125.75
Wisconsin & Michigan	741		8	745	18,530	79.98
Wisconsin & Northern						
Wisconsin, R. & S.						
Waupaca-Green Bay						
Wisconsin N. W.						
Mattoon Ry. Co.						
Total	2,471,031	6,401	11,284	2,480,943	43,243,387	114.73

¹ Includes 7,858 tons coke.

WHOLE LINE, 1908.—Continued.

Non-revenue Service Locomotives.

Bituminous coal. Tons.	Wood.		Total fuel consumed. Tons.	Miles run.	Average pounds consumed per mile.
	Hard. cords.	Soft. cords.			
218			218	3,717	117.30
61,483		80	61,483	1,395,220	88.11
61,401	273	547	61,950	1,552,797	79.67
11,493		154	11,570	219,558	106.30
195,910		2,682	197,241	1,927,810	127.50
2,124		8	2,123	63,745	66.77
107,649	1,653		108,752	1,631,413	133.32
594			594	10,380	114.47
47,105	113		47,180	583,122	100.99
190			190	2,356	161.29
9,427			9,427	234,427	80.45
114,850	32	300	115,023	1,981,034	116.12
411	2	8	416	9,594	87.00
11,797		52	11,793	153,306	148.98
365		5	368	10,640	68.61
624,930	2,073	3,816	628,222	9,897,119	127.45

CONSUMPTION OF FUEL BY LOCOMOTIVES,

Totals for

Name of Company.	Bituminous coal.		Hard wood.	
	Number of tons.	Average cost at distributing point.	Number of cords.	Average cost at distributing point.
Abbotsford & N. E.....	941	\$2.95		
Ahnapee & Western	1,846	3.00		
Ashland, Odanah & M.....	1,535	3.45		
Bayfield Transfer	573	3.90		
Big Falls Ry. Co.....				
Chi., Milw. & St. Paul..	2,544,993	2.13		
Chicago & N. W.....	3,196,421	1.94	8,487	\$2.33
Chi., St. P., M. & O.....	508,754	2.88		
Chicago, Burl. & Q.....	3,516,340	1.77		
Chicago, L. S. & E.....				
Chicago, Harv. & G. L..	1,049	2.60		
Chicago & Lake Sup.....	740			
Chippewa R. & N.....				
Chippewa V. & N.....				
Drummond & S. W.....				
Duluth, S. S. & Atl.....	107,052	3.09		
Dunbar & Wausaukee				
Fairechild & N. E.....				
Great Northern	1,727,037	2.83	26,519	2.50
Green Bay & Western ..	20,084	2.75		
Hawthorne, Nebag. & S.	200	4.25		
Hazelhurst & S. E.....	1,025	4.25		
Hillsboro & N. E.....				
Illinois Central	3,010,424	1.22	7,323	1.83
Iola & Northern	384	3.00		
J. R. D. L. Co., L. Ry.				
Kewaunee, G. B. & W.....	2,971	3.00		
La Crosse & S. E.....	2,530	3.05		
Lake Superior T. & T.....	7,621	3.01		
Laona & Northern				
Marathon Co. Ry. Co....				
Marquette, T. & W.....	1,638	4.50		
Mineral Point & N.....	2,513	3.47		
M., St. P. & S. S. M.....	349,196	3.61		
Northern Pacific	2,492,679	2.45	1,213	2.12
N. W. Coal Ry. Co.....	680	2.88		
R. L. & V. Co., L. Ry..				
Robbins Ry. Co.....				
Stanley, Merrill & P.....	3,657	4.50	18	3.00
Superior & Southeastern				
Tomahawk & Eastern ..	150	4.50		
Whitcomb & Morris				
Wisconsin Central	425,799	1.66		
Wisconsin & Michigan ..	10,314	3.00		
Wisconsin & Northern ..	1,921	4.25		
Wisconsin, Ruby & S....				
Waupaca-Green Bay				
Wisconsin Northwestern				
Mattoon Ry. Co.....				
Total	17,941,076	\$3.08	48,570	\$2.35

¹ Includes 7,858 tons coke at average cost of \$4.70 per ton.

WHOLE LINE, 1908—Concluded.

Whole Line.

Soft wood.		Total fuel consumed.		Miles run.	Average pounds consumed per mile.
Number of cords.	Average cost at distributing point.	Number of tons.	Average cost at distributing point.		
45	.....	964	\$2.95	10,011	198.48
.....	.....	1,846	3.00	53,337	69.22
100	\$1.00	1,585	3.40	46,380	68.35
.....	.....	573	3.90	30,000	38.20
.....
3,453	2.02	2,546,719	2.13	41,289,730	123.56
16,974	2.33	3,210,566	1.95	47,706,359	134.59
6,892	1.58	512,185	2.88	9,265,181	110.56
37,169	1.59	3,534,925	1.76	44,909,793	157.40
.....
.....	.....	1,049	2.60	48,018	43.60
.....	.....	740	.....	9,360	158.12
.....
.....
914	1.49	107,509	3.09	2,443,308	88.00
.....
.....	.....	1,744,717	2.84	24,375,027	143.15
.....	.....	20,084	2.75	484,236	82.94
.....
20	2.00	210	4.23	1,100	331.00
.....	.....	1,025	4.25	11,273	181.77
.....
.....	.....	3,015,313	1.23	37,478,302	160.91
.....	.....	384	3.00	11,806	65.05
.....
.....	.....	2,971	3.00	62,787	94.64
23	2.00	2,541	3.05	60,935	83.40
70	2.32	7,656	3.02	178,800	86.19
.....
.....
64	1.00	1,670	4.46	17,017	196.27
.....	.....	2,513	3.47	33,497	150.04
3,208	2.23	350,800	3.61	6,443,392	108.89
10,890	2.12	2,498,931	2.45	30,254,010	165.20
.....
.....	.....	680	2.88	23,400	58.12
.....
68	2.50	3,703	4.50	84,388	88.00
.....
.....
22	1.00	170	4.34	14,219	23.91
.....
3,321	1.30	427,460	1.66	5,786,434	147.74
120	2.00	10,374	3.00	269,995	74.01
.....	.....	1,921	4.25	47,969	80.00
.....
.....
.....
83,323	\$1.84	18,011,784	\$2.03	251,452,723	148.25

SUMMARY OF ACCIDENTS TO PERSONS IN THE STATE

Kind of

Name of Company.	Coupling or un- coupling.		Collisions.		Derail- ments.		Parting of trains.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
RAILROADS								
Abbotsford & Northeastern		1						
Ashland, Odanah & Marengo.....	8	22		16		4		1
Chicago, Milwaukee & St. Paul	1	51		17		25		1
Chicago & Northwestern	1	25		20		4		2
Chicago, St. Paul, Mpls. & Omaha.....								
Chicago, Burlington & Quincy			3	8				
Chicago, Lake Shore & Eastern		1						
Chicago, Harvard & Geneva Lake								
Chippewa Valley & Northern								
Duluth, South Shore & Atlantic								
Great Northern		3	2	4		1		
Green Bay & Western R. R.								
Illinois Central								
Kewaunee, Green Bay & Western.....								
La Crosse & Southeastern								
Lake Superior Terminal & Transfer								
Mineral Point & Northern		2						
Mpls., St. Paul & S. Ste. Marie		4		2		2		
Northern Pacific								
Northwestern Coal Ry. Co.								
Stanley, Merrill & Phillips	1	11		9		5		
Wisconsin Central		1						
Wisconsin & Michigan								
Mattoon Ry. Co.								
Total for Railroads	6	121	5	71		41		4
ELECTRIC RAILWAYS								
Green Bay Traction Co.								
Milwaukee Electric Light & Ry. Co.	1			87		10		
Milwaukee Light, Heat & Tr. Co.	2			33		8		
Milwaukee & Northern								
Total for Electric Railways		3		120		13		
Total of both	6	124	5	191		54		4

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Accident.

Locomotives or cars breaking down.		Falling from trains, locomotives, or cars.		Jumping on or off trains, locomotives, or cars.		Struck by trains, locomotives, or cars.		Overhead obstructions.		Other causes.		Total.	
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
.....	7	8	56	2	27	53	77	2	7	231	73	443	1
.....	12	2	60	3	86	51	74	1	5	527	60	858	8
.....	3	5	8	3	12	14	18	3	3	47	23	137	.....
.....	.....	.....	1	.....	3	3	4	.....	.....	3	11	14	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	4	.....
.....	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	1	.....
.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	2	2	.....
.....	1	.....	9	1	5	3	5	.....	.....	1	6	7	34
.....	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	2	.....
.....	.....	.....	.....	.....	1	1	1	.....	.....	9	1	10	.....
.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	2	.....
.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	2	.....	.....
.....	2	3	.....	2	1	2	2	1	.....	1	.....	2	.....
.....	1	1	.....	.....	.....	2	3	.....	.....	13	2	20	.....
.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....
.....	9	2	36	2	34	20	19	.....	.....	1	173	26	301
.....	.....	.....	.....	.....	1	.....	.....	.....	.....	6	.....	8	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
.....	36	17	176	11	174	156	200	1	11	12	1,063	207	1,897
.....
.....	2	.....	55	5	410	16	60	.....	1	4	155	25	782
.....	.....	.....	1	.....	37	6	6	.....	.....	.....	12	6	93
.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....
.....	2	.....	56	5	447	24	66	.....	1	4	168	38	876
.....	38	17	232	16	631	179	265	1	19	16	1,201	240	2,743

SUMMARY OF ACCIDENTS TO PERSONS IN THE STATE

Classes of

Name of Company.	Trainmen. Shopmen.				Station men.		Other employes.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
RAILROADS								
Abbotsford & Northeastern								1
Ashland, Odanah & Marengo								134
Chicago, Milwaukee & St. Paul	14	191			1	7	7	230
Chicago & Northwestern	4	392	12		2	15	5	
Chicago, St. Paul, Mpls. & Omaha..	3	38	8		1	2	1	44
Chicago, Burlington & Quincy		6					2	3
Chicago, Lake Shore & Eastern		3						1
Chicago, Harvard & Geneva Lake..		1						
Chippewa Valley & Northern								1
Duluth, South Shore & Atlantic								
Great Northern	3	30					1	2
Green Bay & Western R. R.								1
Illinois Central		1						4
Kewaunee, Green Bay & Western..								
La Crosse & Southeastern								
Lake Superior Term. & Transfer....	1							
Mineral Point & Northern								
Mpls., St. Paul & Sault Ste. Marie..		15						1
Northern Pacific		11						7
Northwestern Coal Ry. Co.		1						
Stanley, Merrill & Phillips								1
Wisconsin Central	1	164	3				2	84
Wisconsin & Michigan		4	2					3
Mattoon Ry. Co.								
Total for Railroads	26	857	19		4	24	18	586
ELECTRIC RAILWAYS								
Green Bay Traction		13					4	16
Milwaukee Electric Light & Ry.		2	1					8
Milwaukee Light, Heat & Traction	1							
Milwaukee & Northern								
Total for Electric Railways ..	1	15	1				4	24
Total of both	27	872	20		4	24	22	610

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Persons.

Passengers.				Trespassers.				Neither trespassers, passengers nor employees.		On crossings.		Total.		Loss in dollars.	
On trains.		On platform.		On trains.		On right of way.									
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Collisions.	Derailments.
.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
1	24	1	7	1	9	18	16	17	81	12	24	72	443	\$16,887 95	\$3,435 76
.....	41	.....	9	6	14	26	13	4	25	13	88	60	858	15,875 00	11,465 00
.....	26	.....	.....	8	10	7	5	4	5	4	4	23	137	3,739 50	5,828 33
.....	1	.....	.....	8	1	8	1	1	2	2	.....	11	14	2,195 00	8,785 10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....
.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,207 00	.....
.....	1	.....	.....	.....	.....	8	1	.....	.....	.....	.....	7	34	5,750 00	3,250 00
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	500 00
.....	8	.....	1	.....	.....	.....	.....	.....	1	1	.....	1	10	.....	250 00
.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	2	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	3	.....	.....	92 00
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
.....	8	1	.....	.....	.....	.....	.....	.....	1	.....	1	1	21	.....	1,110 00
.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	1	1	20	800 00	1,788 00
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
.....
.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
1	26	.....	9	2	3	12	6	7	4	1	6	26	301	18,306 53	22,677 25
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
2	124	2	27	15	39	73	46	33	70	34	76	207	1,867	\$4,763 07	\$50,181 44
.....
.....
1	260	4	432	1	1	.....	.....	15	65	1	1	1	1	.....	.....
.....	40	.....	37	.....	.....	1	1	4	4	.....	4	25	782	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	6	93	.....	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
1	290	4	460	1	1	1	1	19	69	2	6	33	876	.....	.....
.....
3	414	6	490	16	30	74	47	52	139	36	82	240	2,743	\$4,763 07	\$50,181 44

CHARACTERISTICS OF RAIL
As Reported to the Railroad Commission

Name of Company.	Iron or steel bridges.					
	No.	Aggregate length.	Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.
Abbotsford & Northeastern						
Ahnapee & Western	2	88		40		48
Ashland, Odanah & Marengo						
Bayfield Transfer						
Big Falls Ry. Co.						
Chicago, Milwaukee & St. Paul	226	30,228		8		985
Chicago & Northwestern	560	39,905	10	5		2,239
Chicago, St. Paul, Mpls. & Omaha	214	15,516		14		880
Chicago, Burlington & Quincy	12½	6,042		20		1,453
Chicago, Lake Shore & Eastern						
Chicago, Harvard & Geneva Lake						
Chicago & Lake Superior						
Chippewa River & Northern						
Chippewa Valley & Northern						
Drummond & Southwestern						
Duluth, South Shore & Atlantic	9	445	7	16		133
Duluth, Superior & Western Terminal ..	4	1,802		30		1,632
Dunbar & Wausaukee						
Fairchild & Northeastern	1	160		100		160
Great Northern	8	2,212		21		1,378
Green Bay & Western	13	2,092		30		624
Hawthorne, Nebagamon & Superior						
Hazelhurst & Southeastern						
Hillsboro & Northeastern						
Illinois Central	13	1,648		25		250
Iola & Northern						
J. R. Davis Lbr. Co., Logging Ry.						
Kewaunee, Green Bay & Western	4	240		30		90
La Crosse & Southeastern						
Lake Superior Terminal & Transfer						
Laona & Northern						
Marathon County Ry. Co.						
Marquette, Tomahawk & Western						
Mineral Point & Northern						
Minneapolis, St. Paul & Sault Ste. M..	6½	1,947		46		566
Northern Pacific	7	824		69		308
Northwestern Coal Ry. Co.						
Oshkosh Transportation Co.						
Roddls Lbr. & Veneer Co., Logging Ry.						
Robbins Ry. Co.						
Stanley, Merrill & Phillips						
Superior & Southeastern						
Tomahawk & Eastern						
Whitcomb & Morris						
Winona Bridge Ry Co.						
Wisconsin Central	50	12,092		24		2,339
Wisconsin & Michigan	4	429		00		162
Wisconsin & Northern	4	225		300		750
Wisconsin, Ruby & Southern						
Waupaca-Green Bay						
Wisconsin Northwestern	1	55		55		55
Mattoon Ry Co.						
Total	1,147½	115,946	5	5		2,889

¹ Includes 3 pontoon bridges of 400 feet each.

ROADS, WISCONSIN, 1908.
for the Year Ending June 30, 1908.

Stone bridges.						Wooden bridges.							
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
.....	8	848	.....	64	.....	400	.....
.....	8	787	.....	46	.....	240	.....
.....
.....
1	360	.....	360	.....	360	.....	121	15,264	.....	58	.....	717	.....
64	8,863	.....	90	.....	218	.....	138	9,570	4	4	.....	575	10
1	179	.....	179	.....	179	.....	14	1,484	.....	49	.....	240	.....
.....
.....	9	850	.....	34	.....	400	.....
.....
.....	6	433	.....	28	.....	150	.....
.....	7	280	.....	30	.....	50	.....
.....	105	4,800	.....	28	.....	430	.....
.....	2	100	.....	40	.....	60	.....
.....	1	277	.....	277	.....	277	.....
31	221	.....	3	.....	28	.....	.....	.....	.....	.....	.....	.....	.....
.....	5	437	.....	60	.....	120	.....
.....	5	352	.....	32	.....	75	.....
.....	65	4,494	.....	8	.....	325	.....
.....
.....	4	933	.....	.....	.....	150	.....
.....	147	20,824	.....	15	.....	1,078	.....
.....	8	614	.....	44	.....	254	.....
.....
.....	2	202	.....	42	.....	160	.....
.....	6	592	.....	48	.....	176	.....
.....	3	110	.....	.....	.....	.....	.....
.....	4	72	.....	.....	.....	.....	.....
.....	6	1,306	.....	47	.....	553	.....
.....	1	200	.....	200	.....	200	.....
.....
.....
97	4,643	.....	3	.....	360	.....	570	54,270	4	4	.....	1,078	.....

¹ Includes 8 pontoon bridges of 400 ft. each.

CHARACTERISTICS OF RAILROADS.

Name of Company.	No.	* Combination bridges.					
		Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....							
Ahnapee & Western.....	1	1,463		1,463		1,463	
Ashland, Odanah & Marengo.....							
Bayfield Transfer							
Big Falls R'y Co.....							
Chicago, Milwaukee & St. Paul.....							
Chicago & Northwestern.....	2	399	6	42		357	6
Chicago, St. Paul, Minneapolis & Omaha							
Chicago, Burlington & Quincy							
Chicago, Lake Shore & Eastern.....							
Chicago, Harvard & Geneva Lake.....							
Chicago & Lake Superior.....							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern							
Duluth, South Shore & Atlantic.....							
Duluth, Superior & Western Terminal...							
Dunbar & Wausaukee							
Fairchild & Northeastern							
Great Northern							
Green Bay & Western.....							
Hawthorne, Nebagamon & Superior.....							
Hazelhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central							
Iola & Northern							
J. R. Davis Lumber Co., Logging R'y....							
Kewaunee, Green Bay & Western.....	1	1,700		1,700		1,700	
La Crosse & Southeastern.....							
Lake Superior Terminal & Transfer.....							
Laona & Northern							
Marathon County R'y Co.....							
Marinette, Tomahawk & Western.....	1	567		537		537	
Mineral Point & Northern.....	5	460		60		123	
Minneapolis, St. Paul & Sault Ste. Marie	4½	2,816		180		1,573	
Northern Pacific							
Northwestern Coal R'y Co.....							
Oshkosh Transportation Co.							
Roddis Lumber & Veneer Co., Log. R'y.							
Robbins R'y Co.							
Stanley, Merrill & Phillips.....							
Superior & Southeastern							
Tomahawk & Eastern							
Whitcomb & Morris							
Winona Bridge R'y Co.....							
Wisconsin Central							
Wisconsin & Michigan							
Wisconsin & Northern.....							
Wisconsin, Ruby & Southern.....							
Waupaca-Green Bay							
Wisconsin Northwestern							
Mattoon R'y Co.							
Total	14½	7,414	6	42		1,700	

WISCONSIN, 1908—Continued.

Total bridges.							Trestles.						
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
8	848		64		400								
11	2,338						25	1,175		21		175	
							2	1,235		610		621	
248	35,817		8		385		1,230	102,335		7		1,345	
700	47,875	8	4		2,289	6	1,620	128,715	11	5		1,652	
292	20,813		14		880		685	50,650		5		2,181	
13½	6,221		20		1,453		248	23,132		8		1,260	
9	850		24		400								
							1	210		210		210	
15	878	7	16		150		34	7,801		16		1,196	
4	1,802		30		1,032		2	1,397		678		719	
8	440		30		160								
8	2,212		21		1,378		2	2,380		820		1,590	
118	6,392		28		624								
2	100		40		60		1	300		300		300	
1	277		277		277								
44	1,869		3		250		176	14,355		10		614	
5	437		60		120								
10	2,292		30		1,700								
65	4,494		8		325								
5	1,500				577		2	80		30		50	
5	461		60		121		60	2,672		14		160	
158	25,567		15		1,573								
10	1,438		44		303		34	6,377		13		2,240	
2	202		42		160		2	268		79		180	
6	502		48		176								
3	110												
4	72												
65	13,308		24		2,339		516	40,982		10		1,420	
5	680		60		162		1	200		200		200	
4	225		30		75		7	2,691	4	52		1,277	8
1	55		55		55								
1,829	182,283	3	3		2,330		4,651	381,926	3	5		2,280	

CHARACTERISTICS OF RAILROADS.

Tunnels.

Name of Company.	No.	Aggregate length.		Minimum length.		Maximum length.		Height of lowest above surface of rail.	
		Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & N. E.....									
Ahnapee & Western.....									
Ashland, Odanah & M.....									
Bayfield Transfer.....									
Big Falls Ry. Co.....									
Chi., Milw. & St. P.....	1	1,330		1,330		1,330			
Chicago & N. W.....	4	7,466		354		3,822		17	1½
Chi., St. P., M. & O.....	1	572		572		572		18	5
Chicago., Burl. & Q.....									
Chi., L. S. & Eastern.....									
C., Hary. & Geneva L.....									
Chi. & Lake Superior.....									
Chippewa River & N.....									
Chippewa Valley & N.....									
Drummond & S. W.....									
Dul., S. S. & Atlantic.....									
Dul., Sup. & W. T.....									
Dunbar & Wausaukee.....									
Fairchild & N. E.....									
Great Northern.....									
Green Bay & Western.....									
Haw., Nebag. & Sup.....									
Hazelhurst & S. E.....									
Hillsboro & N. E.....									
Illinois Central.....	1	1,214		1,214		1,214		19	
Iola & Northern.....									
J. R. D. L. Co., L. R.....									
Kewaunee, G. B. & W.....									
La Crosse & S. E.....									
L. S. Term. & Trans.....									
Laona & Northern.....									
Marathon Co. Ry. Co.....									
Marinette, T. & W.....									
Mineral Point & N.....									
M., St. P. & S. S. M.....									
Northern Pacific.....									
N. W. Coal Ry. Co.....									
Oshkosh Trans. Co.....									
R. L. & V. Co., L. Ry.....									
Robbins Ry. Co.....									
Stanley, Merrill & P.....									
Superior & S. E.....									
Tomahawk & Eastern.....									
Whitcomb & Morris.....									
Winona Bridge Ry. Co.....									
Wisconsin Central.....									
Wisconsin & Michigan.....									
Wisconsin & Northern.....									
Wis., R. & Southern.....									
Waupaca-Green Bay.....									
Wisconsin N. W.....									
Mattoon Ry. Co.....									
Total.....	7	10,862		354		3,822		17	1½

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WISCONSIN, 1908—continued.

Overhead highway crossings.

Bridges.			Conduits.			Trestles.			Total.		
Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.	
	Feet.	In.		Feet.	In.		Feet.	In.		Feet.	In.
10	17	5				38	16	4	48	16	4
55	16	5				12	18		67	16	5
11	17	6							11	17	6
5	19								5	19	
1	28								1	28	
2	21								2	21	
						5	21		5	21	
						1	19	2	1	19	2
2	22								2	22	
						1	21	8	1	21	8
						13	17	6	13	17	6
86	16	5				70	16	4	156	16	4

CHARACTERISTICS OF RAILROADS.
Overhead Railway Crossings.

Name of Company.	Bridges.		Conduits.		Trestles.		Total.	
	No.	Height of lowest above surface of rail.	No.	Height of lowest above surface of rail.	No.	Height of lowest above surface of rail.	No.	Height of lowest above surface of rail.
		Feet. In.		Feet. In.		Feet. In.		Feet. In.
Abbotsford & N. E.								
Ahnapee & Western								
Ashland, O. M.								
Bayfield Transfer								
Big Falls R'y Co.								
C., M. & St. P.	6	17 5½			2	22	6	8 17 5½
C. & N. W.	7	18	1	22	9		8	18
C., St. P., M. & O.	2	17 6					2	17 6
C., B. & Q.	1	22	1				1	22 1
Chl., L. S. & E.								
C., H. & G. Lake.								
Chl. & Lake Sup.								
Chlp. River & N.								
Chlp. Val. & N.								
Drummond & S. W.								
Duluth, S. S. & A.	2	22					2	22
Duluth, S. & W. T.								
Dunbar & Waus'kee								
Fairchild & N. E.								
Great Northern								
Green Bay & W.								
Haw., Neb. & Sup.								
Hazelhurst & S. E.								
Hillsboro & N. E.								
Illinois Central	1	18					1	18
Iola & Northern								
J. R. Davis L. Co.								
K., Green Bay & W.								
La Crosse & S. E.								
Lake Sup. T. & T.								
Laona & Northern								
Mar. Co. R'y Co.								
Marinette, T. & W.								
Mineral Pt. & N.								
M., St. P. & S. S. M.								
Northern Pacific								
N. W. Coal R'y Co.								
Oshkosh Trans. Co.								
Roddis L. & V. Co.								
Robbins R'y Co.								
Stan., Merrill & P.								
Superior & S. E.								
Tomahawk & E.								
Whitcomb & Morris								
Winona B. R'y Co.								
Wisconsin Central.	3	17 3			2	20 6	5	17 3
Wis. & Michigan								
Wis. & Northern								
Wis., Ruby & S.								
Waupaca-Green B.								
Wisconsin N. W.								
Mattoon R'y Co.								
Total	22	17 3 1	22	9	2	20 6	25	17 3

¹ Owned, maintained and operated jointly with the W. U. Tel. Co.

² 307.80 miles of wire owned jointly by the C. & N. W. Ry. and W. U. Tel. Co.

³ 36.30 miles of wire owned and operated jointly with the W. U. Tel. Co.;

35.04 miles of wire owned jointly with the W. U. Tel. Co.

WISCONSIN, 1906—Concluded.

Telegraph.

A. Owned by company named in the margin.				B. Owned by another company, but located on property of road named in the margin.			
Miles of line.	Miles of wire.	Operated by company named in margin.		Operated by another company.		Miles of line.	Miles of wire.
		Miles of line.	Miles of wire.	Miles of line.	Miles of wire.		
15.16	15.15	15.16	15.16				
¹ 34.00	34.00						
16.00	16.00	16.00	16.00				
1,648.80	8,195.20			1,648.80	8,195.20		
	² 08.60		95.80		307.80	2,074.47	² 12,251.81
226.17	752.94	226.17	752.94		2,026.30	742.08	6,835.71
							2,033.30
¹ 112.47	¹ 180.35						
6.51	45.57				45.57		
32.35	170.51		125.95		44.53		
¹ 280.00	¹ 280.00						
11.00	11.00	11.00	11.00				
5.00	5.00	5.00	5.00				
						91.31	91.31
¹ 32.91	¹ 32.91						
35.81	71.62	35.81	71.62			5.00	10.00
30.60	30.60	30.60	30.60				
349.00	980.00	349.00	930.00				
132.65	164.85		² 276.20		16.10		276.20
35.91	71.82	35.91	71.82				
732.50	2,085.60	697.50	2,085.60			732.50	2,081.60
						34.03	41.20
36.30	33.30	36.30	36.30				
15.00	15.00	15.00	15.00				
3,768.14	13,589.12	1,463.45	4,500.00	1,648.80	10,645.62	3,671.31	23,622.14

**CHARACTERISTICS OF RAILROADS,
As Reported to the Railroad Commission**

Name of Company.	No.	Iron or steel bridges.					
		Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....	2	88		40		48	
Ahnapee & Western.....							
Ashland, Odanah & Marengo.....							
Bayfield Transfer							
Big Falls Ry. Co.....							
Chicago, Milwaukee & St. Paul....	924	111,563		8		1,744	
Chicago & Northwestern.....	1,690	115,253	3	3		2,385	
Chicago, St. Paul, Mpls. & O.....	288	23,116		14		1,321	
Chicago, Burlington & Quincy.....	847	114,474		7		2,632	
Chicago, Lake Shore & Eastern.....	1	3,323		3,823		3,323	
Chicago, Harvard & Geneva Lake..							
Chicago & Lake Superior.....							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern.....							
Duluth, South Shore & Atlantic....	37	2,442	6	16		227	8
Duluth, Superior & Western Term..	4	1,802		30		1,632	
Dunbar & Wausaukee.....							
Fairchild & Northeastern.....							
Great Northern	265	67,440	6	20		1,830	
Green Bay & Western.....	13	2,062		30		624	
Hawthorne, Nebagamon & Superior							
Hazelhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central	510	70,984		10		4,198	
Iola & Northern.....							
J. R. Davis Lumber Co., Log. Ry.							
Kewaunee, Green Bay & Western..	4	240		30		99	
La Crosse & Southeastern.....							
Lake Superior Terminal & Transfer							
Laona & Northern.....							
Marathon County Ry. Co.....							
Marquette, Tomahawk & Western..							
Mineral Point & Northern.....							
Mpls., St. Paul & Sault Ste. Marie.	26	6,838		46		650	
Northern Pacific	483	63,100	6	15		1,582	
Northwestern Coal Ry. Co.....							
Oshkosh Transportation Co.....							
Roddie L. & V. Co., Logging Ry...							
Robbins Ry. Co.....							
Stanley, Merrill & Phillips.....							
Superior & Southeastern.....							
Tomahawk & Eastern.....							
Whitecomb & Morris.....							
Winona Bridge Ry. Co.....							
Wisconsin Central	60	13,520		24		2,330	
Wisconsin & Michigan.....	8	1,526		60		372	
Wisconsin & Northern.....							
Wisconsin, Ruby & Southern.....							
Waupaca Green Bay							
Wisconsin Northwestern	1	55		55		55	
Mattoon Ry Co.....							
Total	5,167	600,887	9	3		4,198	

¹ Including 5 pontoons, aggregate length 1,960 feet.

REPORT OF THE RAILROAD COMMISSION.

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WHOLE LINE, 1908.

for the Year Ending June 30, 1908.

Stone bridges.						Wooden bridges.							
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
.....	.....	.....	.....	.....	.....	.....	8	848	.....	64	.....	400	.....
.....	.....	.....	.....	.....	.....	.....	8	787	.....	46	.....	240	.....
.....
.....
1	360	.....	360	.....	360	.....	158	19,951	.....	48	.....	717	.....
108	1,173	6	2	5	64	.....	374	26,784	10	1	10	575	10
246	13,731	.....	8	.....	400	.....	18	1,834	.....	49	.....	240	.....
8	791	.....	40	.....	179	.....	147	17,100	.....	8	.....	1,792	.....
.....
.....	.....	.....	.....	.....	.....	.....	9	850	.....	24	.....	400	.....
.....
.....	.....	.....	.....	.....	.....	.....	19	1,316	.....	16	.....	150	.....
.....
1	2,031	.....	2,031	.....	2,031	.....	158	19,968	.....	44	.....	1,385	.....
.....	.....	.....	.....	.....	.....	.....	105	4,300	.....	28	.....	430	.....
.....	.....	.....	.....	.....	.....	.....	2	100	.....	40	.....	70	.....
.....	.....	.....	.....	.....	.....	.....	1	277	.....	277	.....	277	.....
661	8,576	.....	2	.....	576	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	5	437	.....	60	.....	120	.....
.....	.....	.....	.....	.....	.....	.....	5	352	.....	32	.....	75	.....
.....	.....	.....	.....	.....	.....	.....	65	4,494	.....	8	.....	325	.....
.....
.....	.....	.....	.....	.....	.....	.....	4	963	.....	.....	.....	150	.....
.....	.....	.....	.....	.....	.....	.....	631	83,454	.....	12	.....	1,290	.....
.....	.....	.....	.....	.....	.....	.....	116	17,397	.....	30	.....	825	.....
.....
.....	.....	.....	.....	.....	.....	.....	2	202	.....	42	.....	100	.....
.....	.....	.....	.....	.....	.....	.....	4	72	.....	.....	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	8	1,506	.....	47	.....	553	.....
.....	.....	.....	.....	.....	.....	.....	1	200	.....	200	.....	200	.....
.....
.....
1,025	26,662	6	2	.....	2,031	.....	1,748	198,252	10	1	10	1,792	.....

CHARACTERISTICS OF RAILROADS,

Name of Company.	Combination bridges.						
	No.	Aggregate length.		Minimum length.		Maximum length.	
		Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & Northeastern.....							
Ahnapee & Western	1	1,463		1,463		1,463	
Ashland, Odanah & Marengo.....							
Bayfield Transfer							
Big Falls Ry. Co.....							
Chicago, Milwaukee & St. P.....							
Chicago & Northwestern.....	7	1,269	7	42		357	
Chicago, St. Paul, Mpls. & O.....							
Chicago, Burlington & Quincy.....	87	12,128		7		1,840	
Chicago, Lake Shore & Eastern.....							
Chi., Harvard & Geneva L.....							
Chicago & Lake Superior							
Chippewa River & Northern.....							
Chippewa Valley & Northern.....							
Drummond & Southwestern.....							
Dul., South Shore & Atlantic.....							
Duluth, Superior & W. T.....							
Dunbar & Wausaukee.....							
Fairchild & Northeastern.....							
Great Northern							
Green Bay & Western.....							
Hawthorne, Nebag. & Sup.....							
Hazelhurst & Southeastern.....							
Hillsboro & Northeastern.....							
Illinois Central	4	687		70		300	
Iola & Northern.....							
J. R. Davis Lum. Co., L. Ry.....							
Kewaunee, Green Bay & W.....	1	1,700		1,700		1,700	
La Crosse & Southeastern.....							
Lake Superior Term. & Trans.....							
Laona & Northern.....							
Marathon County Ry. Co.....							
Marinette, Tomahawk & W.....	1	567		567		567	
Mineral Point & Northern.....	5	409		60		123	
Mpls., St. P. & S. Ste. M.....	22	10,990		99		2,094	
Northern Pacific	16	3,453		73		2,639	
Northwestern Coal Ry. Co.....							
Oshkosh Transportation Co.....							
Roddis L. & V. Co., Log. Ry.....							
Robbins Ry. Co.....							
Stanley, Merrill & Phillips.....							
Superior & Southeastern.....							
Tomahawk & Eastern.....							
Whitcomb & Morris.....							
Winona Bridge Ry. Co.....	1	2,706	8	2,706	8	2,706	
Wisconsin Central							
Wisconsin & Michigan.....							
Wisconsin & Northern.....							
Wisconsin, Ruby & Southern.....							
Waupaca-Green Bay							
Wisconsin Northwestern							
Mattoon Ry. Co.....							
Total	145	85,383	3			2,706	

WHOLE LINE, 1908—continued.

Total bridges.						Trestles.							
No.	Aggregate length.		Minimum length.		Maximum length.		No.	Aggregate length.		Minimum length.		Maximum length.	
	Feet.	In.	Feet.	In.	Feet.	In.		Feet.	In.	Feet.	In.	Feet.	In.
8	848		64		400								
11	2,338						25	1,175		24		175	
							2	1,235		610		625	
983	121,894		3		1,744		5,518	443,377		5		1,419	
2,169	144,481	2	1	10	2,385		7,898	562,201		5		2,606	
552	38,681		8		1,821		1,883	145,340		5		2,181	
1,089	144,553		7		2,632		6,767	496,064		5		2,110	
1	3,323		3,323		3,323		3	128		16		96	
9	850		24		400								
							1	210		210		210	
56	3,758	6	16		150		251	26,394		16		1,196	
4	1,802		80		1,632		2	1,397		678		719	
424	89,460	6	20		1,830		3,884	441,902		5		15,010	
118	6,392		28		624								
2	100		40		60		1	300		300		300	
1	277		277		277								
1,175	80,147		2		4,198		5,206	540,505		8		3,500	
5	437		60		120								
10	2,292												
65	4,494		8		825								
5	1,500				567		2	80		30		50	
5	469		60		123		60	2,672		10		160	
679	101,232		12		2,094								
630	87,010	6	15		2,689		2,579	399,137		12		3,886	
2	208		42		160		2	268		79		186	
4	72												
1	2,706	8	2,706	8	2,706	8							
77	15,026		24		2,339		575	47,173		10		1,420	
9	1,726		60		372		27	2,374		50		532	
1	55		55		55								
3,085	856,186	4	1	10	4,198		34,681	3,111,982		5		3,886	

CHARACTERISTICS OF RAILROADS.
Tunnels.

Name of Company.	No.	Aggregate length.		Minimum length.		Maximum length.		Height of lowest above surface of rail.	
		Feet.	In.	Feet.	In.	Feet.	In.	Feet.	In.
Abbotsford & N. E.									
Ahnapee & Western									
Ashland, Odanah & M.									
Bayfield Transfer									
Big Falls R'y Co.									
C., M. & St. P.	1	1,330		1 330		1,330			
C. & N. W.	5	8,317		334		3,823		17	13½
C., St. P., M. & O.	1	872		872		872		18	8
C., B. & Q.	6	1,909		130		694		17	
Chl., Lake Shore & E.									
Chl., Harv. & G. Lake									
Chicago & Lake Sup.									
Chippewa River & N.									
Chippewa Valley & N.									
Drummond & S. W.									
Duluth, S. S. & Atl.									
Duluth, Sup. & W. T.									
Dunbar & Wausaukee.									
Fairchild & N. E.									
Great Northern	47	49,431	8	113		13,513		17	6
Green Bay & Western.									
Haw., Neb. & Sup.									
Hazelhurst & S. E.									
Hillsboro & N. E.									
Illinois Central	7	4,351		225		1,211		16	
Iola & Northern									
J. R. Davis Lbr. Co.									
Kewaunee, G. B. & W.									
La Crosse & S. E.									
Lake Sup. Ter. & T.									
Laona & Northern									
Marathon Co. R'y Co.									
Marinette, Tom. & W.									
Mineral Pt. & Northern									
M., St. P. & S. S. M.									
Northern Pacific	40	31,920	6	65		9,834		17	6
N. W. Coal R'y Co.									
Oshkosh Trans. Co.									
Roddis L. & V. Co.									
Robbins R'y Co.									
Stanley, Merrill & P.									
Superior & S. E.									
Tomahawk & Eastern									
Whiteomb & Morris									
Winona Bridge R'y Co.									
Wisconsin Central									
Wisconsin & Michigan									
Wisconsin & Northern									
Wisconsin, Ruby & S.									
Waupaca Green Bay									
Wisconsin N. W.									
Mattoon R'y Co.									
Total	107	98,134	2	65		9,834		16	

985

Overhead Highway Crossings.

[illegible]

CHARACTERISTICS OF RAILROADS,
Overhead railway crossings.

Name of company.	Bridges.			Conduits.			Trestles.			Total.		
	Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.		Number.	Height of lowest above surface of rail.	
		Feet.	In.		Feet.	In.		Feet.	In.		Feet.	In.
Abbotsford & N. E.												
Ahnapee & W.												
Ashland, O. & M.												
Bayfield Transfer												
Big Falls Ry. Co.												
C., M. & St. P.	20	17	5				16	19		36	17	5
C. & N. W.	65	15	7	1	22	9	11	16	5	77	15	7
C., St. P., M. & O.	7	17	6							7	17	6
C., B. & Q.	45	18		1	20	5	14	14		60	14	
Chi., L. S. & E.												
C., Harv. & G. L.												
Chi. & Lake Sup.												
Chp. River & N.												
Chp. Valley & N.												
Drummond & S. W.												
Duluth, S. S. & At.	10	21								10	21	
Duluth, S. & W. T.												
Dunbar & Wauskee												
Fairchild & N. E.												
Great Northern	10	19	5							10	19	5
Green Bay & W.												
Haw. Neb. & Sup.												
Hazelhurst & S. E.												
Hillsboro & N. E.												
Illinois Central	22	18					2	17		24	17	
Iola & Northern												
J. R. Davis L. Co.												
K., G. B. & W.												
La Crosse & S. E.												
Lake Sup. T. & T.												
Laona & Northern												
Mar. Co. Ry. Co.												
Marquette, T. & W.												
Mineral Point & N.												
M., St. P. & S. S. M.	1	22								1	22	
Northern Pacific	14	21					12	18	7	26	18	7
N. W. Coal Ry. Co.												
Oshkosh T. Co.												
R. L. & V. Co., L. R. Ry.												
Robbins Ry. Co.												
Stanley, M. & P.												
Superior & S. E.												
Tomahawk & East.												
Whitcomb & M.												
Winona B. Ry. Co.												
Wisconsin Cent.	8	17	8				2	20	6	5	17	8
Wisconsin & Mich.												
Wisconsin & N.												
Wisconsin, R. & S.												
Waupaca-G. B.												
Wisconsin N. W.												
Mattoon Ry. Co.												
Total	197	15	7	2	20	5	57	14		256	14	

¹ Owned, maintained and operated jointly with W. U. Tel. Co.

² 1,822.80 miles of wire operated jointly by C. & N. W. Ry. and W. U. Tel. Co.

WHOLE LINE, 1908—Concluded.

Telegraph.

A. Owned by company named in the margin.				B. Owned by another company but located on property of road named in the margin.			
Miles of line.	Miles of wire.	Operated by company named in margin.		Operated by another company.		Miles of line.	Miles of wire.
		Miles of line.	Miles of wire.	Miles of line.	Miles of wire.		
15.16	15.16	15.16	15.16	.....	.....	.....	.....
¹ 84.00	¹ 84.00	.....	.....	.....	.....	.....	.....
.....
.....
7,091.40	31,279.85	.....	.....	.....	.....	7,091.40	31,279.85
107.42	2,662.40	107.42	² 2,662.40	.....	¹ 1,382.80	8,080.59	² 40,565.70
.....	.....	.....	.....	.....	.....	1,651.02	13,418.02
8,781.86	41,860.91	8,781.86	41,860.91	.....	3,751.32	.....	3,751.32
1,825.00	14,628.00	1,825.00	14,628.00	.....	.....	125.00	125.00
.....
.....
.....
.....
¹ 585.57	¹ 2,121.55	.....	.....	.....	.....	.....	.....
6.51	45.57	.....	.....	.....	45.57	.....	.....
.....
6,448.70	24,859.54	6,448.70	13,962.10	.....	¹ 10890.44	.....	.....
¹ 280.00	¹ 280.00	.....	.....	.....	.....	.....	.....
11.00	11.00	11.00	11.00	.....	.....	.....	.....
5.00	5.00	.....	.....	.....	.....	.....	.....
837.00	5,607.00	118.00	4,971.00	839.00	796.00	3,703.00	31,922.34
.....
¹ 39.91	¹ 39.91	.....	.....	.....	.....	.....	.....
35.81	71.62	35.81	71.62	.....	.....	5.00	10.00
.....
.....
80.60	80.60	30.60	30.60	.....	.....	.....	.....
2,246.30	6,928.30	2,246.30	6,928.30	.....	.....	.....	.....
.....
5,364.92	.....	.....	² 22507.25	.....	⁴ 3,506.70	185.85	12,885.75
.....
.....
.....
88.91	71.82	38.91	71.82	.....	.....	.....	.....
.....
1.14	2.28	1.14	2.28	.....	.....	.....	.....
801.50	2,369.10	801.50	2,369.10	.....	.....	801.50	2,012.10
.....	.....	.....	.....	.....	.....	92.40	106.40
36.30	36.30	36.30	36.30	.....	.....	.....	.....
.....
.....
15.00	15.00	15.00	15.00	.....	.....	.....	.....
.....
24,509.11	122,936.91	20,512.80	110,212.68	820.00	20,272.82	21,715.76	125,962.73

¹1,547.65 miles of wire owned and operated jointly with W. U. Tel. Co.⁴Owned jointly. Operated by W. U. T. Co.

CONTRACTS AND AGREEMENTS

Names of Companies with which Railroads Operating in Wisconsin have Existing
contracts, as Reported to the Railroad Commission

Name of Company.	Express companies.	Mails.	Sleeping, parlor or dining car companies.
Abbotsford & Northeastern.....	National.....	U. S. Mail.....	.....
Ahnapee & Western.....	United States.....	U. S. Mail.....	.....
Ashland, Odanah & Marengo.....	.....	.....	.....
Bayfield Transfer.....	.....	.....	.....
Chicago, Milwaukee & St. Paul.....	United States.....	U. S. Mail.....	.....
Chicago & Northwestern.....	American.....	U. S. Mail.....	Pullman.....
Chicago, St. P., Minneapolis & Omaha.....	American.....	U. S. Mail.....	Pullman.....
Chicago, Burlington & Quincy.....	Adams.....	U. S. Mail.....	Pullman.....
Chicago, Harvard & Geneva Lake.....	.....	U. S. Mail.....	.....
Chicago & Lake Superior.....	.....	U. S. Mail.....	.....
Chippewa Valley & Northern.....	.....	.....	.....
Duluth, South Shore & Atlantic.....	Western.....	U. S. Mail.....	.....
Fairchild & Northeastern.....	American.....	U. S. Mail.....	.....
Great Northern.....	Great Northern.....	U. S. Mail.....	.....
Green Bay & Western.....	United States.....	U. S. Mail.....	.....
Hazelhurst & Southeastern.....	American.....	.....	.....
Hillsboro & Northeastern.....	.....	U. S. Mail.....	.....
Illinois Central.....	American.....	U. S. Mail.....	Pullman.....
Iola & Northern.....	United States.....	U. S. Mail.....	.....
Kewaunee, Green Bay & Western.....	United States.....	U. S. Mail.....	.....
La Crosse & Southeastern.....	United States.....	U. S. Mail.....	.....
Marinette, Tomahawk & Western.....	.....	U. S. Mail.....	.....
Mineral Point & Northern.....	United States.....	U. S. Mail.....	.....
Minneapolis, St. P., & Sault Ste. Marie.....	Western.....	U. S. Mail.....	.....
Northern Pacific.....	Northern.....	U. S. Mail.....	Pullman.....
Oshkosh Transportation Co.....	.....	.....	.....
Stanley, Merrill & Phillips.....	National.....	.....	.....
Tomahawk & Eastern.....	American.....	U. S. Mail.....	.....
Winona Bridge R'y Co.....	.....	.....	.....
Wisconsin Central.....	National.....	U. S. Mail.....	Pullman.....
Wisconsin & Northern.....	.....	U. S. Mail.....	.....
Wisconsin & Michigan.....	American.....	U. S. Mail.....	.....
Wisconsin Northwestern.....	.....	.....	.....
Mattoon R'y Co.....	.....	U. S. Mail.....	.....

WISCONSIN, 1908.

Contracts, Agreements or Arrangements Affecting Business within the State of Wisconsin for the Year Ending June 30, 1908.

Other railroad, freight or transportation companies.	Telegraph companies.	Other contracts.
W. C. Ry. Co., for track's right over A. & N. E. R. R.		
C. & N. W. R'y Co., joint switching facilities at Odanah.	Western Union..	
Bayfield Harbor & G. W. R. R. Co., and B. S. & M. R'y Co. (verbal).	Wis. Tel. Co. (verbal)	
C. St. P. M. & O. R'y Co.; G. B. & W. & St. P. R'y Co.; Oshkosh Transp. Co.; C. M. & St. P. R'y Co.; Wis. Central R'y Co.; Kewaunee G. B. & W. R'y Co.; Allis-Chalmers Co.; Northern Pacific R'y Co.; C. & L. S. R'y Co.; D. S. S. & A. R'y Co.; Mineral Pt. & N. R'y Co.	Western Union..	
	Western Union..	
C. M. & St. P. R'y Co., and N. W. R'y Co.	American	H. Windson, pwr.
Wis. Cent. R'y Co., and M. St. P. & S. S. M. R'y Co.	Western Union..	
Northern Pacific R'y Co., Lake Sup. T. & T. Co.; C. St. P. M. & O. R'y Co.	Western Union..	
Nippon Yusen, Kabushiki Kaisha.	W. U., Gt. N. W.	
C. & N. W. R'y Co.; C. M. & St. P. R'y Co.	Western Union..	
Chicago & Northwestern.	Western Union..	
	Western Union..	
Chl. Mil. & St. Paul R'y Co. (trackage, yard, terminal facilities).		
Gt. N. R'y Co.; Lake Sup. Ter. & Trans. Co.; C. & N. W. R'y Co.; C. St. P. M. & O. R'y Co.	Western Union..	
Chl. & Northwestern R'y Co. (trackage rights)		
Chl. St. P. M. & O. (trackage rights); N. W. Lmbr Co. (trackage rights).		I. Szahny & wife
C. B. & Q. R. R. Co. (traffic agreement); G. B. & W. R'y Co. (traffic agreement).		
	Western Union..	
M. St. P. & S. S. M. R'y Co.; Ann Arbor R. R. Co.; C. M. & St. P. R'y Co.		Lake Mich. Car Ferry Trans. Co.
Chl. M. & St. P. R'y Co.; Dunbar & Wausaukee R'y Co.		
Chl. & N. N. W. R'y Co.		

DIRECTORS AND OFFICERS OF RAILWAYS OPERATING IN WISCONSIN.

Name of Company.	Post-office address of general office.	Directors.
Abbotsford & Northeastern.....	Milwaukee, Wis.....	A. C. Rietbrock, Wm. C. Klapp, Wm. L. Erbach, Z. F. Meyer, C. J. Aburg.
Alnabsee & Western.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, Wm. J. Wilson, J. A. Jordan, J. C. Thurman.
Ashland, Odanah & Marengo.....	Odanah, Wis.....	L. K. Baker, J. S. Stearns, F. J. Durke, E. B. Hill, Geo. F. Merrill.
Bayfield Transfer.....	Bayfield, Wis.....	Geo. H. Noyes, J. M. Smith, H. C. Hale, A. W. Fairchild, B. K. Miller.
Big Falls Ry Co.....	Oshkosh, Wis.....	S. M. Wall, J. H. Wall, T. R. Wall, O. H. Thomas, H. W. Anthes.
Chicago, Milwaukee & St. Paul.....	Chicago, Ill.....	Walter P. Bliss, Frank S. Bond, A. J. Earling, Charles W. Harkness, Henry H. Rogers, Peter Geddes, Roswell Miller, William Rockefeller, John A. Stewart, J. Ogden Armour, Frederick Layton, L. J. Pettit, Percy A. Rockefeller.
Chicago & Northwestern.....	Chicago & New York	W. K. Vanderbilt, F. W. Vanderbilt, H. McK. Twombly, Byron L. Smith, Cyrus H. McCormick, Chauncey Keep, Chauncey M. Depew, Samuel F. Barger, James C. Fargo, H. C. Frick, David P. Kimball, E. E. Osborn, Marvin Hughitt, Frank Work, James Stillman, Oliver Ames, Zenas Crane.
Chicago, St. Paul, Minneapolis & O.....	St. Paul, Minn.....	Marvin Hughitt, Byron L. Smith, Chauncey M. Depew, David P. Kimball, Zenas Crane, E. E. Osborn, Thomas Wilson, J. A. Humbird, J. M. Whitman, Wm. K. Vanderbilt, H. McK. Twombly, F. W. Vanderbilt, W. A. Gardner.
Chicago, Burlington & Quincy.....	Chicago, Ill.....	Geo. F. Baker, Geo. C. Clark, Wm. P. Clough, Geo. B. Harris, Jas. J. Hill, John J. Mitchell, Darius Miller, Norman B. Ream, John F. Talmage, Samuel Thorne, James N. Hill.
Chicago, Lake Shore & Eastern.....	Chicago, Ill.....	E. H. Gary, W. E. Cory, F. W. Sutton, R. B. Campbell, A. F. Banks, K. K. Knapp, F. D. Raymond.
Chicago, Harvard & Geneva Lake.....	Walworth, Wis.....	L. S. Owsley, A. L. Dewar, F. H. Roesschlaut, L. C. Church, H. T. Windsor.
Chicago & Lake Superior.....	Cambridge, Wis.....	B. L. Delamater, Mrs. Frank Robinson, S. C. Delamater, V. L. Delamater, Robt Dow.
Chippewa River & Northern.....	Bruce, Wis.....	W. H. Phillips, C. P. Coon, W. T. Pierpont, S. C. Phipps, H. H. Hockenbrock.
Chippewa Valley & Northern.....	Grand Rapids, Wis.....	D. J. Arpin, A. L. Arpin, E. P. Arpin, J. C. Arpin.
Drummond & Southwestern.....	Drummond, Wis.....	F. W. Gilchrist, F. H. Drummond, Jno. S. Owen, A. J. Rust, P. W. Rust.
Duluth, South Shore & Atlantic.....	Marquette, Mich.....	Sir Wm. C. Van Horne, Walter R. Baker, Chas. Drinkwater, Wm. F. Fitch, Geo. H. Church, Richard B. Angus, John W. Sterling, R. Y. Heiden, Thos. Pearsall, Jas. O. Bloss, E. V. Skinner.
Duluth, Superior & Western Term.....	New York, N. Y.....	D. M. Philbin, J. A. Murphy, E. Sawyer, J. H. Gruber, R. I. Farrington.
Dunbar & Wausaukee.....	Menominee, Mich.....	J. A. Culbertson, J. W. Wells, A. C. Wells.
Fairchild & Wisconsin.....	Fairchild, Wis.....	N. C. Foster, E. M. Foster, G. A. Foster, E. J. Foster, W. Foster.
Great Northern.....	St. Paul, Minn.....	James J. Hill, Frederick Weyerhaeuser, Louis H. Hill, R. I. Farrington, E. Sawyer, W. R. Begg, Henry W. Cannon, William B. Deau, Samuel Thorne.
Green Bay & Western.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, C. L. Blair, Wm. J. Wilson, J. A. Jordan.
Hawthorne, Nebramton & Superior.....	L. Nebramton, Wis.....	E. Rutledge, F. Weyerhaeuser, E. L. Ainsworth, J. P. Weyerhaeuser.
Hazelhurst & Southeastern.....	Hazelhurst, Wis.....	C. C. Yawkey, Walter Alexander, W. H. Bliss, W. H. Yawkey, F. M. White.
Hillsboro & Northeastern.....	Hillsboro, Wis.....	W. H. H. Cash, F. I. Pinch, E. Hammer, G. Weinstein, J. A. Cash.

Illinois Central.....	Chicago, Ill.....	Charles S. Deneen, Charles A. Peabody, James De Wolf Cutting, Alexander G. Hackstaff, J. Ogden Armour, Walter Lutten, John M. Auchincloss, Robert Walton Goelet, Charles M. Beach, J. T. Harahan, Cornelius Vanderblit, Edward H. Harriman, John Jacob Astor.
Iola & Northern.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, Wm. J. Wilson, J. A. Jordan, J. C. Thurman.
J. R. Davis Lumber Co., Log. R'y.....	Phillips, Wis.....	Jno. R. Davis, Mrs. John R. Davis, B. W. Davis.
Kewaunee, Green Bay & Western.....	Green Bay, Wis.....	S. S. Palmer, Mark T. Cox, C. L. Blair, J. A. Jordan, J. C. Thurman.
La Crosse & Southeastern.....	La Crosse, Wis.....	W. S. Carfill, H. C. Wood, J. B. Taylor, P. V. Valler, Willard E. Olsen.
Laona & Northern.....	Marshfield, Wis.....	R. Connor, W. D. Connor, R. L. Kraus, W. W. McCulloch, H. R. Messer.
Lake Superior Terminal & Transfer	St. Paul, Minn.....	D. M. Phillips, W. F. Fitch, L. W. Hill, C. M. Levey, G. T. Slade, A. W. Trenholm.
Marathon County R'y Co.....	Marshfield, Wis.....	R. Connor, W. D. Connor, W. W. McCulloch, Herman Langer, J. C. Kieffer.
Marquette, Tomahawk & Western.....	Tomahawk, Wis.....	William W. Bradley, Edward Bradley, R. B. Tweedy, C. H. Grundy, J. W. Froehlich.
Northern Pacific.....	St. Paul, Minn.....	James P. Clough, Alex Smith Cochran, Amos Tuck French, James N. Hill, Payne Whitney, Howard Elliott, Lewis Cass Ledyard, J. Pierpont Morgan, Jr., George W. Perkins, Charles Steele, George F. Baker, John S. Kennedy, Grant B. Schley, William Sloane, Arthur Cur-tiss James.
Mineral Point & Northern.....	Mineral Point, Wis.....	C. W. McIlhonn, W. A. Jones, A. M. Kennedy, J. H. Janeway, Jr., Walter D. Malin.
Minneapolis, St. Paul & Sault Ste. M.	Minneapolis, Minn.....	Thomas Lowry, Edmund Pennington, W. D. Washburn, W. L. Martin, G. R. Newell, C. H. Pettit, Alfred H. Bright, E. A. Young, Sir W. C. Van Horn, T. G. Shaugnessy, R. B. Angus.
Northwestern Coal R'y Co.....	Superior, Wis.....	M. H. Taylor, W. R. Woodford, H. H. Gran, C. F. Wales, C. P. White.
Oshkosh Transportation Co.....	Milwaukee, Wis.....	Howard Morris, Charles M. Morris, W. C. Bright.
Roddis Lbr. & Veneer Co., Log. R'y.....	Marshfield, Wis.....	W. H. Roddis, H. Roddis, S. L. Roddis.
Robbins R'y Co.....	Rhinelander, Wis.....	F. S. Robbins, Chas. S. Chapman, Hattie L. McIndoe, R. D. Caldwell, Emma R. Robbins.
Stanley, Merrill & Phillips.....	Eau Claire, Wis.....	J. T. Barber, S. G. Moon, C. D. Moon, F. H. L. Cotten, J. B. Galbraith.
Superior & Southeastern.....	Grand View, Wis.....	John E. Glover, Geo. C. Glover, L. E. Glover, L. A. Baker, Jno. H. Savage.
Tomahawk & Eastern.....	Tomahawk, Wis.....	W. T. Bradley, A. H. Reid, J. W. Froehlich, C. H. Grundy, C. C. Uber.
Whitcomb & Morris.....	Morris, Wis.....	J. H. Jenkins, D. C. Buckstaff, Chas. Barber, H. J. Sprague.
Winona Bridge R'y Co.....	La Crosse, Wis.....	J. A. Jordan, M. T. Cox, W. W. Baldwin, T. S. Howland, C. I. Sturgis.
Wisconsin Central.....	Chicago, Ill.....	Mark T. Cox, John F. Hill, Geo. A. Fernald, Geo. A. W. Dodge, W. A. Bradford, T. L. Chad-bourne, Jr., Henry C. Starr, Fred T. Gates, Sidney G. Courteen, Geo. W. Webster.
Wisconsin & Michikan.....	Chicago, Ill.....	J. N. Falthorn, J. E. Walsh, John P. Hopkins, W. T. Abbott, E. C. Ritscher.
Wisconsin & Northern.....	Oshkosh, Wis.....	Leander Choate, Chas. R. Smith, M. J. Wallrich, H. F. Whitcomb, J. L. Jones.
Wisconsin, Ruby & Southern.....	Minneapolis, Minn.....	E. L. Hawn, P. R. Hamilton, W. H. Sell.
Milwaukee, Bay View & Chicago.....	Chicago, Ill.....	E. H. Gary, A. F. Banks, R. W. Campbell, K. K. Knapp, F. D. Raymond.
Waupaca-Green Bay.....	Waupaca, Wis.....	Andrew G. Nelson, Adelbert M. Peuney, John Gordon, Chas. Churchill, Alfred Johnson, J. E. Cristy, Ing. Ovrann.
Wisconsin Northwestern.....	Wausaukee, Wis.....	J. W. Wells, A. C. Wells, W. E. Hallenbeck, O. W. Brightman.
Mattoon R'y Co.....	Mattoon, Wis.....	G. Huette, F. Karste, E. Pantzer, G. J. Posson, C. Quimby.

DIRECTORS AND OFFICERS OF

General

Name of Company.	President.	First Vice President.
Abbotsford & Northeastern.....	A. C. Rietbrock	Wm. L. Erbach
Ahnapee & Western.....	S. S. Palmer ...	David Decker ..
Ashland, Odanah & Marengo.....	L. K. Baker ..	J. S. Stearns ...
Bayfield Transfer	Geo. H. Noyes ..	J. M. Smith
Big Falls Ry. Co.....	J. H. Wall	S. M. Wall
Chicago, Milwaukee & St. Paul ¹	A. J. Earling ..	.....
Chicago & Northwestern.....	Marvin Hughitt ..	E. E. Osborn ...
Chicago, St. Paul, Minneapolis & Omaha ² ...	W. A. Gardner ..	E. E. Osborn ...
Chicago, Burlington & Quincy.....	Geo. B. Harris ³ ..	D. Miller
Chicago, Lake Shore & Eastern.....	A. F. Banks .....	.....
Chicago, Harvard & Geneva Lake.....	L. S. Owsley ...	W. L. Dewar ...
Chicago & Lake Superior.....	B. L. Delamater ..	.....
Chippewa River & Northern.....	W. H. Phipps ...	S. C. Phipps ...
Chippewa Valley & Northern.....	D. J. Arpin	J. Z. Arpin
Drummond & Southwestern.....	F. W. Gilchrist ..	A. J. Rust
Duluth, South Shore & Atlantic.....	Wm. F. Fitch ..	Walter R. Baker ..
Duluth, Superior & Western Terminal.....	D. M. Philbin ..	J. A. Murphy ..
Dunbar & Wausaukee.....	J. A. Culbertson ..	J. W. Wells
Fairchild & Northeastern.....	N. C. Foster	E. J. Foster
Great Northern ⁴	Louis W. Hill ..	.....
Green Bay & Western.....	S. S. Palmer ...	J. A. Jordan
Hawthorne, Nebagamon & Superior.....	E. Rutledge	F. Weyerhaeuser ..
Hazelhurst & Southeastern.....	C. C. Yawkey	Wal. Alexander ..
Hillsboro & Northeastern.....	E. Hammer	F. I. Pinch
Illinois Central.....	J. T. Harahan ..	A. G. Hackstaff ..
Iola & Northern.....	S. S. Palmer	J. A. Jordan ...
J. R. Davis Lumber Co., Logging Ry.....	John R. Davis ..	.....
Kewaunee, Green Bay & Western.....	S. S. Palmer	W. W. Cargill ..
La Crosse & Southeastern.....	W. S. Cargill ..	P. Valier
Lake Superior Terminal & Transfer.....	D. M. Philbin ..	W. F. Fitch
Laona & Northern.....	R. Connor	H. R. Messer
Marathon County Ry. Co.....	R. Connor	Herman Langer ..
Marinette, Tomahawk & Western.....	R. B. Tweedy ..	Edward Bradley ..
Mineral Point & Northern.....	C. W. McIlhonn ..	J. H. Janeway, Jr. .
Minneapolis, St. Paul & Sault Ste. Marie.....	Thomas Lowry ..	E. Pennington...
Northern Pacific	Howard Elliott ..	James N. Hill ..
Northwestern Coal Ry. Co.....	W. H. Taylor ..	C. E. Wales
Oshkosh Transportation Co.....	Howard Morris ..	.....
Roddiss Lumber & Veneer Co., Logging Ry...	W. H. Roddis ..	.....
Robbins Ry. Co.....	F. S. Robbins ..	Chas. S. Chapman ..
Stanley, Merrill & Phillips.....	S. G. Moon	C. D. Moon
Superior & Southeastern.....	Jno. E. Glover ..	Geo. C. Glover ..
Tomahawk & Eastern.....	W. T. Bradley ..	C. H. Grundy ..
Whitcomb & Morris.....	J. H. Jenkins ..	D. C. Buckstaff ..
Winona Bridge Ry. Co.....	W. W. Baldwin ..	J. A. Jordan
Wisconsin Central ⁵	W. A. Bradford ..	Henry C. Starr ..
Wisconsin & Michigan.....	J. P. Hopkins ..	W. T. Abbott ...
Wisconsin & Northern.....	H. F. Whitcomb ..	.....
Wisconsin, Ruby & Southern ⁶	W. H. Sill .....	.....
Milwaukee, Bay View & Chicago.....	A. F. Banks .....	.....
Waupaca-Green Bay	A. G. Nelson ...	John Gordon
Wisconsin Northwestern	J. W. Wells	A. C. Wells
Mattoon Ry. Co.....	G. Huette .....	.....

¹ Roswell Miller, chairman of the board.² Traffic vice-president.³ W. A. Gardner, oper. and maint. vice-president; M. M. Kirkman, accounting vice-president; J. M. Whitman, construction vice-president.⁴ Marvin Hughitt, chairman of executive committee.

RAILWAYS OPERATING IN WISCONSIN—continued.

Officers

Second Vice President.	Third Vice President.	Secretary.	Treasurer.	Chief Engineer.
J. A. Jordan	Wm. C. Klann .. Mark T. Cox E. B. Hill	A. C. Rietbrock .. Mark T. Cox E. B. Hill	D. J. Whittemore. E. C. Carter. T. E. Calvert. A. Mortzheim.
.....	H. C. Hale	H. C. Hale	
.....	T. R. Wall	T. R. Wall	
E. W. McKenna ..	J. H. Hiland	E. W. Adams	F. G. Ranney	
H. R. McCullo'gh ..	W. A. Gardner ..	E. E. Osborn	R. H. Williams ..	
James T. Clark	T. A. Polleys	R. H. Williams ..	T. E. Calvert. A. Mortzheim.
D. Willard	T. S. Howland ..	T. S. Howland	T. S. Howland	
.....	F. D. Raymond ..	F. D. Raymond ..	
.....	H. H. Windsor ..	F. H. Roeschlaut ..	
.....	Chas. A. Friend ..	Geo. A. Wise	
C. P. Coon	W. T. Pierpont ..	W. T. Pierpont ..	V. D. Simar..
.....	E. P. Arpin	E. P. Arpin	
.....	E. H. Drummond ..	E. H. Drummond ..	
Geo. H. Church	Jas. Clarke	E. W. Allen	
.....	J. H. Gruber	E. Sawyer	
.....	A. C. Wells	G. A. Foster	A. H. Hogeland.
R. I. Farrington ..	E. T. Nichols ..	G. A. Foster	E. Sawyer	
.....	E. T. Nichols ..	E. Sawyer	
.....	Mark T. Cox	Mark T. Cox	
.....	W. H. Blissell ..	E. L. Ainsworth ..	
.....	J. A. Cash	W. H. Yawkey	A. S. Baldwin.
.....	A. G. Hackstaff ..	J. A. Cash	
.....	E. T. H. Gibson ..	
.....	Mark T. Cox	Mark T. Cox	
.....	B. W. Davis	B. W. Davis	
J. A. Jordan	Mark T. Cox	Mark T. Cox	G. P. Bradish.
.....	J. B. Taylor	J. B. Taylor	
.....	C. P. Brown	H. H. Parkhouse ..	
.....	W. W. McCull'h ..	R. L. Kraus	
.....	R. Connor	W. W. McCulloch ..	
Jas. W. Bradley	J. W. Froehlich ..	R. B. Tweedy	Thomas Greene.
.....	Walter D. Main ..	W. D. Main	
W. L. Martin	C. F. Clement ..	C. F. Clement ..	
J. M. Hannaford ..	Chas. M. Levey ..	George H. Earl ..	C. A. Clark	
W. R. Woodford	P. S. Elwell	P. S. Elwell	
.....	Chas. M. Morris ..	Howard Morris ..	W. L. Darling.
.....	
.....	H. L. McIndoe ..	F. S. Robbins	
.....	F. H. L. Cotten ..	J. T. Barber	
.....	L. A. Baker	L. A. Baker	
.....	R. B. Tweedy	R. B. Tweedy	C. N. Kalk.
.....	H. J. Sprague ..	H. J. Sprague ..	
.....	H. W. Weiss	T. S. Howland	
.....	G. W. Webster ..	W. R. Hancock ..	
.....	M. F. Schulze	
.....	F. H. Josslyn	R. H. Edwards ..	Wm. Cambier.
.....	
.....	F. D. Raymond ..	F. D. Raymond ..	
.....	Alfred Johnson ..	C. Churchill	
.....	O. W. Brightman ..	W. E. Hallenbeck ..	
.....	C. Quimby	E. E. Hemingway ..	

* W. W. Baldwin, assistant to president.

* James J. Hill, chairman of the board.

* T. L. Chadbourn, chairman of executive committee.

* E. L. Hawn, chairman of the board.

DIRECTORS AND OFFICERS OF

General

Name of Company.	General Solicitor, Attorney or Counsel.	Solicitor, Attorney or Counsel.
Abbotsford & Northeastern.....	.....	.....
Ahnapee & Western.....	.....	.....
Ashland, Odanah & Marengo.....	G. F. Merrill .....	.....
Bayfield Transfer.....	G. H. Noyes .....	.....
Big Falls Ry. Co.....	.....	.....
Chicago, Milwaukee & St. Paul.....	Burton Hanson	G. R. Peck
Chicago & Northwestern.....	L. W. Bowers	S. A. Lynde
Chicago, St. Paul Minneapolis & Omaha.....	Thos. Wilson	J. B. Sheean
Chicago, Burlington & Quincy.....	J. W. Blythe	C. M. Dawes
Chicago, Lake Shore & Eastern.....	K. K. Knapp	W. D. Haynie ..
Chicago, Harvard & Geneva Lake.....	.....	.....
Chicago & Lake Superior.....	.....	.....
Chippewa River & Northern.....	S. L. Perrin .....	.....
Chippewa Valley & Northern.....	.....	.....
Drummond & Southwestern.....	.....	.....
Duluth, South Shore & Atlantic.....	A. B. Eldredge ..	A. E. Miller
Duluth, Superior & Western Terminal.....	.....	.....
Dunbar & Wausaukee.....	.....	.....
Fairchild & Northeastern.....	.....	.....
Great Northern	W. R. Begg	J. D. Armstrong.
Green Bay & Western.....	.....	.....
Hawthorne, Nebagamon & Superior.....	.....	.....
Hazelhurst & Southeastern.....	.....	.....
Hillsboro & Northeastern.....	.....	.....
Illinois Central	J. M. Dickinson ..	.....
Iola & Northern.....	.....	.....
J. R. Davis Lumber Co., Logging Ry.....	.....	.....
Kewaunee, Green Bay & Western.....	.....	.....
La Crosse & Southeastern.....	W. S. Burroughs ..	.....
Lake Superior Terminal & Transfer.....	J. A. Murphy .....	.....
Laona & Northern.....	.....	.....
Marathon County Ry. Co.....	.....	.....
Marinette, Tomahawk & Western.....	.....	.....
Mineral Point & Northern.....	.....	.....
Minneapolis, St. Paul & Sault Ste Marie.....	H. B. Dike.....	A. H. Bright....
Northern Pacific	F. L. Stetson	C. N. Bunn
Northwestern Coal Ry. Co.....	.....	.....
Oshkosh Transportation Co.....	.....	.....
Roddis Lumber & Veneer Co., Logging Ry...	.....	.....
Robbins Ry. Co.....	.....	.....
Stanley, Merrill & Phillips.....	.....	.....
Superior & Southeastern.....	J. H. Savage .....	.....
Tomhawk & Eastern.....	.....	.....
Whitcomb & Morris.....	.....	.....
Winona Bridge Ry. Co.....	.....	.....
Wisconsin Central	T. H. Gill	H. C. Starr
Wisconsin & Michigan.....	.....	W. T. Abbott ...
Wisconsin & Northern.....	M. J. Wallrich ..	.....
Wisconsin, Ruby & Southern.....	.....	.....
Milwaukee, Bay View & Chicago.....	.....	.....
Waupaca-Green Bay	I. P. Lord .....	.....
Wisconsin Northwestern .....	.....	.....
Mattoon Ry. Co.....	.....	.....

¹ General Superintendent of Lake District.

RAILWAYS OPERATING IN WISCONSIN—concluded.

Officers—concluded.

Comptroller or Auditor.	General Manager.	General Freight Agt., or Freight Traffic Mgr.	Gen'l Passenger Agent or Passenger Traffic Manager.	General Superintendent.
Wm. C. Klann J. C. Thurman D. J. McMahon	J. A. Jordan H. C. Hale .....	..... F. J. Darke	W. C. Modisett	W. L. Erbach. F. B. Seymour. Ed. Mercier.
H. G. Haugan J. B. Redfield L. A. Robinson C. I. Sturgis F. W. Sutton	W. J. Underwood R. H. Aishton A. W. Trenholm F. E. Ward R. B. Campbell	E. S. Keeley M. Hughitt, Jr. H. M. Pearce G. H. Crosby F. E. Learned	F. A. Miller W. B. Kniskern T. W. Teasdale P. S. Eustis	D. L. Bush. W. E. Morse. S. G. Strickland. H. D. Judson.
B. L. Delamater. E. C. Johnson L. E. Knudson	H. T. Windsor B. L. Delmater C. P. Coon J. Z. Arpin F. H. Drummond.....	.....	.....	.....
A. E. Delf J. G. Drew G. F. King C. M. Sherwood J. G. Drew	W. F. Fitch J. W. Wells N. C. Foster J. M. Gruber	W. W. Walker J. L. Wells C. M. Sherwood. W. W. Broughton	Mart Adson A. L. Craig	C. E. Lytle. J. L. Wells. W. Foster. D. M. Philbin. ¹
J. C. Thurman F. L. Wilkins F. M. White J. A. Cash C. F. Krebs	J. A. Jordan J. Weyerhaeuser F. M. White W. H. H. Cash F. B. Harriman	F. L. Wilkins F. B. Bowes	W. C. Modisett F. M. White A. H. Hanson	F. B. Seymour. Jas. Timlin. H. McCourt.
J. C. Thurman J. C. Thurman S. J. Lennon	J. A. Jordan J. A. Jordan P. Valler .....	..... A. L. Eldemiller.	W. C. Modisett W. C. Modisett A. L. Eldemiller.	F. B. Seymour. P. Valler. C. P. Brown.
.....
E. C. Lange C. W. Gardner	W. A. Jones B. Pennington	W. L. Martin	C. H. Grundy G. C. Conn	C. H. Grundy. G. R. Hunt'gton.
H. A. Gray T. P. Blackmar	G. T. Slade C. P. White	J. G. Woodworth	A. M. Cleland	F. W. Gilbert.
A. L. Dunn	G. W. Campbell. F. S. Robbins .....	.....	.....	R. D. Caldwell.
F. H. L. Cotten	K. C. Morehouse R. B. Tweedy	K. C. Morehouse L. E. Glover .....	..... C. H. Grundy	G. L. Wright. C. H. Grundy. D. Cunningham.
Robt. Toombs F. B. Huntington .....	..... C. H. Hartley E. L. Hawn	F. E. Signer P. R. Hamilton	J. C. Pond J. C. Fitzgerald	E. F. Potter. S. N. Harrison.
F. W. Sutton.....	.....	.....	.....	.....
J. E. Phillips O. W. Brightman	A. M. Penney .....	.....	A. M. Penney	W. E. Hallenbeck.

NEW RAILROAD CORPORATIONS.

EXTENSIONS OF EXISTING LINES AND CHANGES IN ROUTES FROM
JULY 1, 1907, TO JUNE 30, 1908, AS SHOWN BY THE RECORDS IN THE
OFFICE OF THE SECRETARY OF STATE.

NEW RAILROAD CORPORATIONS.

INTERSTATE TRANSFER RAILWAY COMPANY.

Articles of incorporation filed and patent issued July 26, 1907.

Capital stock, \$500,000.

Incorporators and directors:

William A. Gonagle.

Geo. L. Reis.

Joseph D. Cotton.

Solon L. Perrin.

Walter W. Savage.

Route:

From the shore of Lake Superior or Allouez Bay in a south-westerly direction through the county of Douglas, Wis., to the Minnesota state line in secs. 1 or 12, township 48, range 15. Length 15 miles.

TOMAHAWK & EASTERN RAILWAY COMPANY.

Articles of incorporation and patent issued Aug. 12, 1907.

Capital stock, \$25,000.

Incorporators and directors:

C. H. Grundy.

A. H. Reid.

J. W. Froehlich.

W. T. Bradley.

C. C. Uber.

Route:

From Tomahawk to Harrison and from Antigo Jet. to Grundy Jet., all in Lincoln county, Wis. Length 21 miles.

TWIN CITY & LAKE SUPERIOR RAILWAY COMPANY.

Articles of incorporation filed and patent issued May 8, 1908.

Capital stock, \$100,000.

Incorporators and directors:

Ed. L. Peet.

B. B. Haugan.

Edward Henry.

E. Lewis.

F. R. Duxbury.

Route:

From a point on the St. Croix river in sec. 33, township 36 N., range 20 W., northeasterly to the city of Superior, Wis. Length about 60 miles.

OSHKOSH, WINNECONNE & WAUPACA RAILWAY COMPANY.

Articles of incorporation filed and patent issued June 1, 1908.

Capital stock, \$100,000.

Incorporators and directors:

Wm. M. Bray.
E. H. Steiger.
Elmer Leach.
Edw. W. Murphy.
L. J. Monahan.

Route:

From Oshkosh, Wis., northwesterly to Waupaca, Wis. Length
about 50 miles.

WISCONSIN NORTHEASTERN RAILWAY COMPANY.

Articles of incorporation filed and patent issued June 6, 1908.

Capital stock, \$60,000.

Incorporators and directors:

H. W. Colt.
J. M. Tittmore.
C. L. Christenson.
W. H. Paulson.
E. D. Buckholtz.
H. A. Dewey.
F. G. Dewey.
Chas. A. Benedict.
H. L. Moffatt.
L. W. Georgeson.
John McGregor.
Albert Handrich.
W. P. Steffenson.
John Moffatt.
John Holsworth.

Route:

From Red Granite, Wis., to Poysippi, Wis. Length 8 miles.

EXTENSIONS AND CHANGES IN EXISTING LINES.**WISCONSIN & NORTHERN RAILROAD COMPANY.**

Resolution changing route so as to run from Menasha, Wis., in a
northerly direction by way of the cities of Appleton and Shawano,
Wis., through the Stockbridge and Menominee Indian reservations to
connect with M., St. P. & S. S. M. Ry., filed July 1, 1907.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RAILWAY COMPANY.

Resolution for extension of line from Brooten, Minn., to South
Superior, Wis., filed Aug. 13, 1907.

WISCONSIN & NORTHERN MINNESOTA RAILWAY COMPANY.

Resolution to build branch line of one-half mile in length in the city
of Superior, Wis., filed Aug. 13, 1907.

WISCONSIN & NORTHERN MINNESOTA RAILWAY COMPANY.

Resolution for changing the route of its main line in the city of
Superior, Wis., filed Aug. 13, 1907.

ELECTRIC RAILWAYS, OPERATING IN

Income

NAME OF COMPANY.	EARNINGS FROM OPERATION.			
	Passenger revenue.	Other car revenue.	Miscellaneous revenue.	Total.
Ashland L., P. & St. Ry. Co.	\$22,139 11		\$3,838 00	\$25,977 11
Chi. & Milw. Elec. R. R. Co. ¹				
C., Harv. & G. L. Ry. Co. ²	6,075 97	\$3,017.77	50 23	14,752 97
Chippewa V. Ry., L. & P. Co.	28,039 83			28,039 83
Duluth St. Ry. Co. (Super.) ³	200,501 67	198.43	881.68	201,581 78
East. Wisconsin Ry. & L. Co. (Fond du Lac)	93,007 32	1,261 55	1,073 61	95,432 51
Green Bay Traction Co.....	132,574 50	1,128.50	9,349 51	143,052 63
Janesville Street Ry. Co.....	17,437 45		50 00	17,487 45
Kenosha Electric Ry. Co. ⁴				
La Crosse City Ry. Co.....	121,550 10		1,579 78	123,129 88
La Crosse & O. St. Ry. Co. ⁵	6,939 32			6,939 32
Manitowoc & N. Trac. Co.....	33,396 59	407 50	1,483 91	35,287 00
Menominee & Marinette L. & T. Co. ⁶	38,137 57	192 98	1,090 91	39,421 46
Merrill Ry. & L. Co.....	8,218 42		30.00	8,248 42
Milw. E. Ry. & L. Co. (The)	3,203,527 21		18,385 23	3,221,912 44
Milwaukee L., H. & T. Co....	699,631 34	281 72	4,643 78	704,556 84
Milwaukee Nor. Ry. Co. ⁷ ...	\$21,161 91	\$795 57		\$21,957 48
Rockford & Inter. Ry. Co. ⁸	69,468 61	151 22		69,619 83
Sheboygan L., P. & Ry. Co....	75,444 35	6,487 47	376 33	82,308 15
S. Wis. Ry. Co. (Madison)...	153,703 43		455 28	154,158 71
Twin City G. E. Co. (Hurley) ⁹	9,996 26			9,996 26
Waupaca E. L. & Ry. Co.....	12,032 40	219 35	144.75	12,396 50
Wausau Str. R. R. Co. ¹⁰	33,281 81	30 96	584 00	33,896 77
Winnebago T. Co. (Oshkosh).	144,745 98	1,601 95	1,245 53	147,593 46
Wisconsin T., L., H. & P. Co. (Appleton)	107,764 00		300.00	108,064 00
Total	\$5,308,465 20	\$20,775 06	\$45,595 57	\$5,338,805 85

¹ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

² Wisconsin part only.

³ \$6,124.98 for purchased power.

⁴ Purchased power.

⁵ Includes \$180.00 for care of cars.

⁶ Report covers year ending May 31, 1907.

WISCONSIN, YEAR ENDING DEC. 31, 1907.

Account.

OPERATING EXPENSES.					
Maintenance of way and structures.	Maintenance of equipment.	Operating power plant.	Operating cars.	General expenses.	Total.
\$2,085 18	\$2,089 08	\$5,680 56	\$9,614 11	\$2,643 87	\$28,092 44
2,241 88	775 96	8,839 79	8,454 02	1,792 68	19,101 33
6,430 41	5,069 57	7,110 65	24,678 09	7,913.10	51,190 82
5,500 56	10,071 80	18,700 71	53,704 60	16,883 19	104,860 66
4,081 95	6,435 75	16,067 04	18,118 68	10,231 16	54,974 58
12,261 20	7,473 64	18,508 25	43,480 79	25,196 79	106,915 67
1,296 46	2,569 56	4,040 00	6,438 54	560 72	14,905 28
					79,024 94
731 21	340 16	4780 00	52,070 01	619 50	4,470 88
997 51	3,610 78	6,253 63	5,299 67	7,657 54	23,819 13
2,720 96	4,273 40	6,064 00	11,764 00	3,107 29	27,869 65
2,290 51	1,256 67	1,068 67	2,597 64	489 17	7,708 66
143,519 60	185,348 46	276,471 59	756,185 44	222,541 64	1,681,065 73
25,882 47	32,844 21	45,258 75	130,499 22	71,812 94	298,872 51
21,087 16	21,391 67	25,324 01	25,288 05	23,269 04	216,959 83
2,552 99	4,280 60	11,060 21	15,398 94	7,643 75	41,916 49
6,460 29	10,660 61	13,806 43	19,404 37	10,653 75	60,977 45
7,579 30	7,202 92	416,470 50	31,245 70	19,155 82	81,654 24
1,306 83	749 78	111,200 00	2,058 72	121,716 23	127,031 51
966 48	1,135 40	1,424 45	1,808 17	2,009 47	7,341 97
702 27	810 85	2,054 48	10,119 28	1,681 44	15,368 32
15,140 30	21,033 26	30,363 42	36,067 01	26,531 61	119,185 60
9,131 90	6,222 01	8,962 44	21,737 16	11,333 09	57,406 60
\$255,908 42	\$316,104 90	\$493,342 59	\$1,201,720 21	\$555,553 37	\$2,901,640 42

⁷ Operated by construction company.⁸ Road in operation 3 months only.⁹ Report covers year ending Nov. 30, 1907.¹⁰ Report covers year ending May 31, 1908.¹¹ Amount charged railway department (Wis.) by electric department for power.¹² Includes interest and taxes.

ELECTRIC RAILWAYS, OPERATING IN

Income

NAME OF COMPANY.	Net Income from operation.	Income from sources other than operation.	Available total income.
Ashland L., P. & Str. Ry. Co.....	\$2,919 67		\$2,919 67
Chicago, Milw. Elec. R. R. Co. ¹¹			
Chl., Harv. & G. L. Ry. Co. ²	2,648 64		2,648 64
Chippewa V Ry., L. & P. Co.....	38,819 06		38,819 06
Duluth Str. Ry. Co. (Superior) ²	96,721 12		96,721 12
East. Wis. Ry. & L. Co. (Fond du Lac)	40,457 93		40,457 93
Green Bay Traction Co.....	36,136 93		36,136 96
Janesville Street Ry. Co.....	2,582 17		2,582 17
Kenosha Electric Ry. Co. ¹¹			
La Crosse City Ry. Co.....	47,104 94		47,104 94
La Crosse & Onalaska St. Ry. Co. ⁵	2,468 44	\$30 43	2,528 90
Manitowoc & Northern Trac. Co.....	11,497 87		11,497 87
Menominee & Marinette L. & T. Co. ^{2 6} ..	111,521 81		111,521 81
Merrill Ry. & Light. Co.....	539 76	12,000 00	2,539 76
Milwaukee Elec. Ry. & L. Co. (The)....	1,537,845 71	155,828 01	1,538,673 72
Milwaukee L., H. & T. Co.....	405,734 25	1291,225 13	699,959 38
Milwaukee Northern Ry. Co. ⁷	5,093 65		5,093 65
Rockford & Interurban Ry. Co. ²	27,703 34		27,703 34
Sheboygan L., P. & Ry. Co.....	21,330 70		21,330 70
Southern Wisconsin Ry. Co. (Madison).	72,504 47		72,504 47
Twin City General Elec. Co. (Hurley) ² ..	2,964 70		2,964 70
Waupaca Elec. L. & Ry. Co.....	5,054 53		5,054 53
Wausau Street R. R. Co. ¹⁰	18,528 45		18,528 45
Winnebago Traction Co. (Oshkosh).....	28,407 83		28,407 83
Wis. T., L., H. & P. Co. (Appleton)	50,657 40	13,281 57	53,938 97
Total	\$2,467,156 43	\$355,395 17	\$2,822,551 60

¹ Railway proportion only.² Wisconsin proportion only.³ Includes \$35.33 reported as "other charges."⁴ Includes \$5,230.30 reported as "other charges."⁵ Report covers year ending May 31, 1907.⁶ Report covers year ending Nov. 30, 1907.⁷ Operated by construction company; 2 months operation only.

WISCONSIN, YEAR ENDING DEC. 31, 1907.

Account.—Concluded.

FIXED CHARGES.			DEDUCTIONS FOR		Divi- dends.	Surplus.
Taxes.	Interest.	Total.	Reserves.	Construc- tion.		
\$686 60	\$1,663 12	\$2,329 72				\$533 95
245 95	3,872 15	4,118 10				¹²¹ 1,463 46
2,193 04	¹⁴ 6,632 31	6,845 35			(⁸)	⁸³⁰ 0,001 71
5,147 96	61,666 66	66,816 62	\$20,325 00	\$19,481 58		¹²¹⁰ 4,402 08
2,007 31	¹¹⁸ 531 12	20,538 43	9,543 25		¹⁸¹⁰ 0,000 00	373 25
3,927 69	¹⁹ 810 21	53,737 93				¹²¹⁷ 0,003 97
440 91	4,500 00	4,940 91				¹²² 3,358 74
3,788 90	⁴¹³ 513 05	17,302 95			9,689 00	20,121 93
123 51		128 51			1,900 00	530 30
888 92	5,907 82	6,794 74				4,673 13
-1,465 83	¹² 821 03	¹⁴ 287 83				¹⁷ 233 92
201 01	¹¹ 930 00	2,101 01	800 00		-1,600 00	¹²¹ 931 25
¹⁹³ 314 68	¹⁵³ 290 83	611,605 51	322,191 23		¹⁶⁴⁸ 0,000 00	¹²²⁸ 123 01
42,273 42	¹³⁷¹ 037 77	414,211 19	63,410 00		¹¹⁷⁰ 0,000 00	52,333 10
1,749 50	17,350 50	19,010 00			8,335 40	⁷⁵ 0,003 65
2,311 66	¹²⁵ 000 00	27,311 66				276 94
3,835 19	47,547 31	53,382 53	10,121 94			¹²⁵ 980 93
(²)	(¹)					2,934 70
283 83	¹¹ 010 03	1,323 83	¹¹ 300 00	2,000 00		427 50
511 12	12 50	523 62			4,620 50	13,384 33
3,862 88	47,009 89	50,872 77				¹²²² 434 91
5,408 21	¹²³ 676 00	32,079 21	5,403 21			16,453 55
¹² 1,633 15	1,155,703 33	\$1,440,346 48	\$442,504 75	\$21,481 58	\$854,135 90	\$33,712 80

⁸ Dividends not reported.⁹ Interest and taxes included in operating expenses.¹⁰ Report covers year ending May 31, 1908.¹¹ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.¹² Deficit.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of earnings from operation.

*NAME OF COMPANY.	EARNINGS FROM TRANSPORTATION.						
	Passenger.				Freight.	Mail.	Express.
	Cash fares.	Tickets.	Chartered cars.	Total passenger.			
Ashtland Light, Power and Street Railway Co. ¹	\$19,105 71	\$3,033 40		\$22,139 11	\$7,542 71	\$213 98	\$261 08
Chicago, Harvard and Geneva Lake Railway Co. ¹	6,037 97		\$48 00	6,075 97			
Chippewa Valley Railway, Light and Power Co.	88,039 88			88,039 88			
Duluth Street Ry. Co. (Superior)	200,467 17		34 50	200,501 67		186 43	
Eastern Wisconsin Ry. & Light Co. (Fond du Lac)	81,290 47	11,151 50	655 35	93,097 32		150 00	1,111 55
Green Bay Traction Co.	90,690 45	32,294 80	580 25	132,574 50	1,128 50		
Janesville Street Railway Co.	17,437 45			17,437 45			
La Crosse City Railway Co.				124,550 10			
La Crosse and Onalaska Street Railway Co.	2,745 72	4,193 00		6,939 22			
Manitowoc and Northern Traction Co.				33,306 59	157 50	250 00	
Menominee & Marinette Light and Traction Co. ¹	22,707 05	15,430 32		38,137 37		182 98	
Merrill Railway and Lighting Co.				8,218 42			
Milwaukee Electric Railway and Light Co. The	719,232 04	2,477,985 02	6,330 15	3,203,527 21			
Milwaukee Light, Heat and Traction Co.	512,078 71	180,507 18	7,045 45	699,631 34		281 72	
Milwaukee Northern Railway Co.				521,161 91		2785 57	
Rockford and Interurban Ry. Co. ¹	26,013 55	43,429 86	25 20	69,468 61			
Shoeboggin Light, Power and Railway Co.	44,954 70	30,489 05		75,444 35	3,901 03	246 04	\$151 22
Southern Wisconsin Railway Co. (Madison)	152,325 47	1,232 18	145 00	153,703 65			2,317 40
Twin City General Electric Co. (Hurley)	9,904 28			9,904 28			
Waubesa Electric Light and Railway Co.	11,909 95		122 45	12,032 40	(*)	(*)	\$219 35
Wausau Street Railroad Co. (Oshkosh)	23,569 07	9,640 80	71 85	33,281 81			30 98
Winnebago Traction Co.	126,624 78	17,423 20	648 00	144,745 98		387 05	1,204 90
Wisconsin Traction, Light, Heat and Power Co. (Appleton)	90,115 47	17,284 08	304 45	107,764 00			
Total.	\$2,254,940 07	\$2,844,076 66	\$16,120 65	\$5,302,445 20	\$12,720 89	\$1,953 20	\$6,002 03
							\$59 23
							\$5,942 80

¹ Wisconsin part only.
² Two months only.
³ Includes totals for La Crosse City Ry. Co., Manitowoc & Northern Traction Co., Merrill Ry. & Lig. Co., and Milwaukee Northern Ry. Co., items not given.
⁴ Freight, mail and baggage included in express.
⁵ No report from Chicago and Milwaukee Electric Railroad and Kenosha Electric Railway.

REPORT OF THE RAILROAD COMMISSION.

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ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of earnings from operation—Continued.

*NAME OF COMPANY.	EARNINGS FROM SOURCES OTHER THAN TRANSPORTATION.				Total earnings from operation.
	Advertising.	Sale of power.	Other sources.	Total earnings from sources other than transportation.	
Ashtand Light, Power and Street Railway Co.....	\$233 29	13,589 71	\$30 00	\$3,833 00	\$25,972 11
Chicago, Harvard and Geneva Lake Railway Co.....	.....	.....	.....	.....	14,752 97
Chicago, Madison and Lakeview Railway Co.....	.....	.....	.....	.....	89,030 88
Chicago, North Branch and Lakeview Railway Co.....	.....	.....	.....	.....	201,581 78
Duluth Street Railway Co. (Superior).....	799 82	.....	81 76	881 58	85,432 51
Eastern Wisconsin Railway & Light Co. (Fond du Lac) ..	1,073 64	.....	.....	1,073 64	.....
Green Bay Traction Co.....	.....	.....	.....	.....	143,052 03
Jamesville Street Railway Co.....	480 00	8,528 89	342 05	9,349 94	17,497 45
La Crosse City Railway Co.....	50 00	.....	.....	50 00	124,120 88
La Crosse and Onalaska Street Railway Co.....	927 40	.....	652 18	1,579 78	6,039 32
Manitowish and Northern Traction Co.....	330 00	1,152 91	.....	1,482 91	35,287 00
Menominee and Marinette Light and Traction Co ¹	242 50	.....	848 41	1,090 91	30,421 46
Merrill Railway and Lighting Co.....	30 00	.....	.....	30 00	8,248 42
Milwaukee Electric Railway and Light Co., The.....	17,737 50	.....	647 73	18,385 23	3,221,912 44
Milwaukee Light, Heat and Traction Co.....	3,354 00	.....	1,289 78	4,643 78	704,556 84
Milwaukee Northern Railway Co.....	.....	.....	.....	.....	221,957 48
Rockford and Interurban Railway Co.....	.....	.....	.....	.....	60,010 83
Sheboygan Light, Power and Railway Co.....	340 00	.....	.....	376 33	82,308 15
Southern Wisconsin Railway Co. (Madison).....	455 28	.....	16 33	455 28	154,158 71
Twin City General Electric Co. (Hurley).....	.....	.....	.....	.....	9,998 24
Waupaca Electric Light and Railway Co.....	113 00	.....	31 75	144 75	12,308 50
Wausau Street Railroad Co.....	359 00	.....	.....	584 00	33,896 77
Winnebago Traction Co. (Oshkosh).....	1,150 99	.....	225 00	1,245 53	147,593 46
Wisconsin Traction, Light, Heat and Power Co. (Appleton)	300 00	.....	94 54	300 00	108,084 00
Total.....	\$27,988 72	\$13,249 51	\$4,280 13	\$45,508 36	\$5,388,805 85

¹ Wisconsin part only.

² Two months only.

* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Details of operating expenses.

NAME OF COMPANY.	Total operating expenses.	DISTRIBUTION.						General expenses.	
		Maintenance of way and structures.		Maintenance of equipment.		Operation of power plant.				Operation of cars.
		Amount.	Per ct. of total.	Amount.	Per ct. of total.	Amount.	Per ct. of total.	Amount.	Per ct. of total.
Ashland Light, Power and Street Ry. Co.	\$23,052 44	\$2,095 16	9.04	\$3,089 02	13.40	\$5,020 55	24.38	\$2,643 57	11.47
Chi. Harvard & Geneva Lake Ry. Co.	12,104 33	2,241 58	18.52	775 98	6.41	3,839 70	31.72	1,702 66	14.81
Chippewa Valley Ry., Lt. and Power Co.	51,190 82	6,430 41	12.56	5,058 57	9.88	7,110 65	13.89	7,913 10	15.46
Duluth Street Ry. Co. (Superior)	104,860 66	5,300 50	5.25	10,071 60	9.60	18,700 71	17.83	16,883 19	16.10
Eastern Wis. Ry. Lt. Co. (Fond du Lac)	54,974 38	4,081 95	7.42	6,435 75	11.71	16,057 04	29.21	10,261 16	18.70
Green Bay Traction Co.	106,915 67	12,261 20	11.47	7,473 64	6.99	18,503 25	17.30	25,196 79	23.57
Janesville Street Railway Co.	14,965 28	1,286 46	8.60	2,583 53	17.24	4,040 00	27.11	500 72	3.76
La Crosse City Railway Co.	79,024 94	721 21	16.13	340 16	7.01	4,720 00	16.10	62,070 01	46.30
La C. & Onalaska Street Ry. Co.	4,470 88	997 51	4.19	3,610 78	15.16	6,353 63	26.25	7,657 54	32.15
Manitowoc & Northern Traction Co.	23,819 13								
Menominee & Marinette Light & T. Co.	27,809 65	2,720 06	9.75	4,273 40	15.32	6,034 00	21.63	11,764 00	42.16
Merrill Railway & Lighting Co.	7,708 66	2,256 51	29.79	1,258 67	16.50	1,069 67	13.88	2,507 04	33.70
Milwaukee Electric Ry. & L. Co., The	1,084,068 73	143,519 69	8.32	182,348 46	11.03	276,471 50	16.44	736,185 44	44.80
Milwaukee Light, Heat & Traction Co.	298,822 39	25,892 47	8.66	32,344 21	10.83	48,253 75	16.15	130,489 22	40.32
Milwaukee Northern Railway Co.	116,950 83	21,027 16	6.06	71,391 67	8.21	53,324 01	31.41	25,998 05	35.03
Rockford & Interurban Railway Co.	41,910 49	3,552 99	8.47	4,200 00	10.16	11,000 21	26.39	15,338 94	36.74
Sheboygan Light, Power & Railway Co.	63,977 45	6,400 21	10.30	10,650 61	17.47	13,808 43	22.65	19,404 57	31.82
Southern Wisconsin Ry. Co. (Madison)	81,634 24	7,579 30	9.28	7,202 92	8.82	16,470 50	20.17	31,245 70	38.27
Twin City General Electric Co. (Hurley)	7,031 56	1,306 83	18.30	749 78	10.66	1,200 00	17.07	2,168 72	29.25
Waupaca Electric Light & Ry. Co.	7,341 97	936 48	14.33	1,424 40	19.40	1,424 45	19.40	1,806 17	24.27
Wausau Street Railroad Co.	15,304 32	702 27	4.57	810 85	5.28	2,054 48	13.37	10,119 28	65.84
Winnebago Traction Co. (Oshkosh)	119,185 60	15,140 30	12.70	21,033 26	17.65	20,393 42	17.08	36,187 01	30.28
Wis. Tr. Light, H. & P. Co. (Appleton)	37,406 60	9,131 90	15.91	6,222 01	10.84	8,102 44	15.01	17,157 16	37.90
Total	\$2,901,649 42	\$255,103 42		\$316,104 90		\$483,342 58		\$1,201,720 21	
								\$555,553 37	

¹ Wisconsin part only. ² 2 months only. ³ One-half of total for railway and lighting. ⁴ Purchased current. ⁵ Includes \$180.00 for care of car. ⁶ Amount charged railway dept. for current. ⁷ Includes interest and taxes. ⁸ Includes total of La Crosse City Ry. Co. items not given.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Partials of operating expenses.—Continued.

MAINTENANCE OF WAY AND STRUCTURES.			MAINTENANCE OF EQUIPMENT.						
NAME OF COMPANY.	Track and roadway.	Electric line.	Buildings and structures.	Steam plant.	Electric plant.	Cars.	Electric equipment of cars.	Miscellaneous equipment.	Shop expenses.
Ashland Light, Power & Street Railway Co.,	\$1,972.72	\$94.11	\$18.35			\$1,491.20	\$1,463.58	\$134.24	
Chicago, Harvard & Geneva Lake Ry. Co., ¹	1,795.53	320.52	123.83	2,215.67	(²)	211.64	323.02	4.11	\$21.54
Chippewa Valley Railway, Light & Power Co.,	5,346.33	917.08	147.00			9,290.10	2,014.84	30.20	64.43
Duluth Street Railway Co. (Superior), ¹	4,108.32	1,198.08	194.16	221.52	\$32.32	5,100.72	3,780.24	290.52	617.28
Eastern Wisconsin Ry. & Light Co. (Fond du Lac)	\$3,780.61	402.75	98.50			4,837.77	1,571.23	7.13	19.62
Green Bay Traction Co.,	8,479.17	3,551.37	230.66	205.00	20.35	3,641.45	3,310.98	59.14	236.72
Jamesville Street Railway Co.,	1,296.46					542.37	1,909.61	75.43	42.15
La Crosse & Onitaska Street Railway Co.,									
Manitowish & Northern Traction Co.,	973.33	64.18		7,02.94	(²)	\$2,817.84	(²)	(²)	(²)
Menominee & Marinette Light & Traction Co., ¹	2,012.53	211.79	496.64	667.94	496.91	2,267.53	851.02		
Merrill Railway & Lighting Co.,	1,837.61	458.90			(²)	975.04	58.89	222.74	
Milwaukee Electric Railway & Light Co., The,	97,408.04	33,787.33	12,264.23	15,040.34	7,610.41	81,048.41	70,543.02	2,732.77	8,373.51
Milwaukee Light, Heat & Traction Co.,	18,027.08	5,682.76	2,172.63	2,025.05	1,328.28	14,079.58	12,380.11	468.58	1,453.61
Milwaukee Northern Railway Co.,	744.66	224.90	54.60	73.00		578.73	456.90	39.12	313.83
Rockford & Interurban Railway Co., ¹	2,294.06	906.01	352.92	85.22	51.57	2,138.35	1,459.22	121.72	204.52
Sheboygan Light, Power & Railway Co.,	4,919.54	713.32	747.43	2,741.75	290.34	7,292.51	2,579.27	137.29	179.50
Southern Wisconsin Railway Co. (Madison),	4,949.98	2,505.55	125.77			3,520.51	310.00	580.16	513.96
Twin City General Electric Co. (Hurley),	1,000.00	300.93	5.90			1,492.26	(¹⁰)	(¹⁰)	
Waupaca Electric Light & Railway Co.,	610.33		356.15	506.91	46.13	1,042.56		(¹⁹)	
Wausau Street Railroad Co.,	330.41	23.96	347.90		376.90	274.24	156.51		3.20
Winnebago Traction Co. (Oshkosh),	9,066.71	4,914.32	619.27	1,215.36	494.93	10,700.12	7,138.90	390.22	1,177.50
Wis. Traction, Light, H. & P. Co. (Appleton),	7,003.72	1,319.67	298.51			3,901.51	1,680.54	50.35	879.61
Total.....	\$179,019.74	\$57,597.53	\$18,564.94	\$24,380.93	\$10,707.14	\$140,070.89	\$112,206.97	\$5,297.72	\$14,101.09

¹ Wisconsin part only. ² Electric plant included under steam plant. ³ Includes superintendence M. of W. & S. \$367.58. ⁴ Includes superintendence M. of E. \$35.46. ⁵ Included in amount charged railway dept. by electric light & power dept. for current. ⁶ Electric equipment of cars, miscellaneous equipment, and shop expenses are all included in cars. ⁷ 2 months only. ⁸ Maintenance of lines. ⁹ Maintenance of storage batteries. ¹⁰ Electric equipment of cars and miscellaneous equipment included under cars.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Details of operating expenses—Continued.

* NAME OF COMPANY.	OPERATION OF POWER PLANT.					OPERATION OF CARS.				
	Power plant wages.	Fuel for power.	Water for power.	Lubri- cants and waste.	Miscella- neous sup- plies and expenses.	Hired power.	Superin- tendence.	Con- ductors.	Motor- men.	Miscella- neous car service employees.
Ashland Light, P. & Street Ry. Co.	\$1,324 07	\$4,101 13	\$8 00	\$88 89	\$88 47		\$900 00	\$449 39	\$5,116 09	\$552 14
Chl. Harvard & Geneva Lake Ry. Co.	805 96	2,832 84		148 86	32 13		183 38	1,431 10	1,197 62	250 38
Chippewa Valley Ry. & L. P. Co.	720 00			1 38	284 13		1,200 00	8,901 30	8,902 01	4,239 13
Duluth Street Ry. Co. (Superior)	4,752 85	13,581 33		212 54	154 19	\$6,124 92	2,400 76	18,827 46	19,138 93	886 59
East'n Wis. Ry. & L. Co. (Fond du Lac)	2,368 10	12,682 25		237 50	669 19		587 44	6,005 70	7,066 24	1,180 95
Green Bay Traction Co.	24,301 10	213,531 62		\$533 37	277 16		720 00	231,004 59	(*)	1,455 94
Janesville Street Railway Co.						4,040 00	1,185 00	1,142 85	2,740 05	
La Crosse City Railway Co.						(*)	(*)	(*)	(*)	(*)
La C. & Onalaska Street Ry. Co.	1,400 00	4,484 43		36 92		(*)	(*)	(*)	(*)	(*)
Manitowish & North'n Traction Co.										
Menominee & Marinette L. & T. Co.	930 80	4,887 85		\$165 35	(*)	\$1,069 77		3,327 50	6,384 23	414 75
Merrill Railway & Lighting Co.									1,971 06	
Milwaukee Electric Ry. & L. Co., The	34,442 30	272,192 82	240 04	3,780 17	5,805 57		32,028 19	291,431 78	290,548 77	
Milwaukee Light, Heat & Traction Co.	6,011 57	40,525 58	42 00	601 53	1,013 27		5,752 63	45,228 29	45,322 78	
Milwaukee Northern Railway Co.	101,538 93	3,364 54		437 80	84		100 33	1,731 14	1,378 48	11,058 71
Rockford & Interurban Ry. Co.	686 87	983 20		28 25	124 67	9,646 56	324 41	4,847 91	4,831 80	132,078 85
Sheboygan Light, Power & Ry. Co.	34,585 93	19,327 08		1,294 62	1,537 80	16,470 50	840 10	12,023 68	(*)	153,076 15
Southern Wis. Ry. Co. (Madison)						1,200 00	419 22	12,387 00	12,810 50	1,082 85
Twin City Gen. Elect. Co. (Hurley)									1,503 05	
Waupaca Electric Light & Ry. Co.	771 46	550 22	30 00	24 77	48 00		500 00	1,856 17	(*)	
Wausau Street Railroad Co.	1,375 14			93 05	85 31	500 00		158,898 30		256 97
Winnebago Traction Co. (Oshkosh)	4,505 22	15,121 38		558 90	179 82		982 50	9,541 53	18,737 63	194 23
Wis. T. L. & P. Co. (Appleton)	1,400 52	437 86	9,880 97	46 03	194 94			8,746 94	8,737 73	
Total.....	\$71,043 71	\$358,306 05	\$7,201 61	\$7,430 03	\$9,286 01	\$39,051 05	\$40,035 98	\$467,453 50	\$446,716 97	\$16,737 84

¹ Wisconsin part only. ² Railway proportions only, of operation at power plant. ³ Wages of conductors includes wages of motormen. ⁴ No details of operation of cars reported. ⁵ Miscellaneous supplies and expenses included under "Motormen" and "Wages of conductors." ⁶ Includes cost of express service employees. ⁷ One half of total for railways and lighting. ⁸ Includes station agents. ⁹ Credit is included \$1,294.27 for wages of express service employees. ¹⁰ Motormen included under conductors. ¹¹ Includes \$2,780.68 cost of freight and express. ¹² No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railroad; no details reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

REPORT OF THE RAILROAD COMMISSION.

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ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Details of operating expenses—Continued.

NAME OF COMPANY.	OPERATION OF CARS—Continued.					
	Car house employees.	Car service supplies.	Miscellaneous car service expenses.	Hire of equipment.	Cleaning and sanding track.	Removal of snow and ice.
Ashland Light, Power and Street Railway Co.....	\$1,829 59	\$103 79	\$31 85			\$425 05
Chicago, Harvard and Geneva Lake Railway Co. ¹	134 50	411 92	683 90		\$117 58	25 58
Chippewa Valley Railway, Light and Power Co.....		1,419 30	24,068 19		1,355 34	269 83
Duluth Street Railway Co. (Superior) ¹	3,682 02	681 77	1,521 20		233 81	1,315 92
Eastern Wisconsin Railway & Light Co. (Fond du Lac).....						101 51
Green Bay Traction Co.....	8,204 48	837 10	1,188 14			60 54
Janesville Street Railway Co.....	1,127 00	65 74	163 30			14 00
La Crosse City Railway Co.....						
La Crosse and Onalaska Street Railway Co.....						
Manitowoc and Northern Traction Co.....	(²)	(²)	(²)	(²)	(²)	(²)
Menominee and Marinette Light and Traction Co. ¹	641 48	4581 97			\$414 07	(²)
Merrill Railway and Lighting Co.....	626 58					
Milwaukee Electric Railway and Light Co., The.....	62,713 61	12,075 27	44,548 13		8,240 40	4,690 29
Milwaukee Light, Heat and Traction Co.....	10,978 99	2,113 99	7,679 10		1,434 94	777 48
Milwaukee Northern Railway Co. ²	1,003 96	159 55	736 92		83 74	45 22
Rockford and Interurban Railway Co. ¹	1,164 83	724 64	709 84	\$216 77	375 88	33 91
Sheboygan Light, Power and Railway Co.....	1,149 00	1,535 82			421 50	358 11
Southern Wisconsin Railway Co. (Madison).....	1,550 49	99 27	2,068 82		667 30	129 65
Twin City General Electric Co. (Hurley) ¹	240 33		85 34			230 00
Waupaca Electric Light and Railway Co.....	50 00				100 00	200 00
Wausau Street Railroad Co.....	540 38		350 72			54 81
Winnebago Traction Co. (Oshkosh).....	2,993 61	1,874 03	1,110 98		357 21	285 24
Wisconsin Traction, Light, Heat and Power Co. (Appleton).....	1,787 33	354 11	973 70		924 16	231 19
Total.....	\$100,450 97	\$23,048 46	\$86,928 19	\$216 77	\$14,825 93	\$9,287 33

¹ Wisconsin part only. ² \$2,831.53 is expense incident to wreck at Duluth-Superior bridge. ³ No details of operation of cars reported. ⁴ Miscellaneous car service expenses included under "car service supplies." ⁵ Removal of snow and ice. Included under "cleaning and sanding track." ⁶ Two months only.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907
Details of operating expenses. Continued.

NAME OF COMPANY.	GENERAL EXPENSES.						
	Salaries of general officers.	Salaries of clerks.	Printing and stationery.	Miscellaneous office expenses.	Store expenses.	Stable expenses.	Advertising and attractions.
Ashtland Light, Power and Street Ry. Co.	\$1,100 00	\$851 06	\$125 78	\$22 25			\$311 20
Chicago, Harvard and Geneva Lake Ry. Co.	600 00	375 00	101 04	61 61			15 00
Chippewa Valley Ry. Co. Light and Power Co.	1,250 00	848 22					300 85
Duluth Street Ry. Co. (Superior)	1,835 30	2,946 94	37 17	219 60	5,662 53	\$531 91	1,759 68
Eastern Wis. Ry. & Light Co. Fond du Lac	4,302 78	(?)	553 92	107 75			100 62
Green Bay Traction Co.		1,687 67	376 74	167 60		2,332 18	672 72
Janesville City Railway Co.	2,550 00		51 70	57 31		101 35	
La Crosse City Railway Co.							
La Crosse and Onalaska Street Railway Co.							
Manitowish and Northern Traction Co.	3,600 00	270 00				195 71	2,113 58
Menominee & Marinette Light & Traction Co.	872 50	1,727 75	(?)	(?)			50 78
Merrell Railway and Lighting Co.	(?)	(?)	(?)	(?)			822 57
Milwaukee Electric Ry. & Light Co. (Che.)	23,782 68	21,801 41	8,683 25	38,247 58	7,322 05	5,7 02	3,183 86
Milwaukee Light, Heat and Traction Co.	4,118 60	3,819 98	1,515 70	6,405 26	1,310 46	85 86	25,217 62
Milwaukee Northern Railway Co.	793 33	603 32	755 23	108 81	260 82		4,437 40
Rockford and Interurban Railway Co.	1,223 84	1,351 68	118 39	319 20	94 27	119 81	743 85
Shelbogan Light, Power and Railway Co.	73,325 14					812 12	520 67
Southern Wisconsin Railway Co. (Chesham)	4,532 34	1,304 67	2,406 97	824 59		3,520 16	4,556 70
Twin City General Electric Co. (Hurley)	415 06		40 00			663 08	1,984 16
Waunakee Electric Light and Railway Co.	510 00	210 00	(?)	216 10			255 50
Wausau Street Railroad Co.							130 14
Winnebago Traction Co. (Goshosb)	8,800 57	1,234 40	515 03	727 72			130 40
W. Traction Co. Light, Heat & Power Co. (Appleton)	2,495 68	1,971 20	295 21	*1,013 97	94 60	1,446 17	1,157 24
Total	\$65,488 13	\$47,170 30	\$15,382 63	\$49,511 71	\$9,844 73	\$2,836 21	\$10,861 56
							\$31,480 66

* Wisconsin, part only. * Two months only. * Salaries of clerks included in salaries of general officers. * Printing and stationery and miscellaneous office expenses included under "salaries of clerks." * All general expenses except damages and insurance included under "miscellaneous general expenses." * One-half of total for railway and lighting. * Clerks included under general officers. * Stationery and printing included under "miscellaneous office expenses." * No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no details reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Details of operating expenses. (concluded).

* NAME OF COMPANY.	GENERAL EXPENSES—Concluded.					
	Damages.	Legal expenses connected with damages.	Miscellaneous legal expenses.	Rent of buildings and terminals.	Rent of tracks and terminals.	Insurance.
Ashland Light, Power and Street Railway Co.	\$200 50	\$33 02	.....	\$200 00	.....	\$260 87
Chicago, Harvard and Geneva Lake Railway Co. (1) ..	19 82	.....	.....	268 00	.....	348 30
Chippewa Valley Railway, Light and Power Co. (1) ..	1,078 30	7,464 17	.....	50 00	.....	1,039 88
Duluth Street Railway Co. (Superior) (1) ..	4,535 44	1,500 00	869 84	.....	.....	1,688 00
Eastern Wisconsin Railway and Light Co. (Pond du Lac) ..	625 69	764 45	.....	53 14	.....	1,868 21
Green Bay Traction Co.	11,245 65	1,143 95	768 12	97 00	.....	4,175 36
Janesville Street Railway Co.	123 36	.....	.....	.....	.....	244 00
La Crosse City Railway Co. ....	.....	.....	.....	.....	.....	.....
La Crosse and Onalaska Street Railway Co.	625 00	.....	.....	100 00	.....	433 25
Manitowoc and Northern Traction Co. ....	.....	.....	.....	.....	.....	.....
Menominee and Marinette Light and Traction Co. (1) ..	4 425 00	(2)	(2)	(1)	(1)	(3)
Merrill Railway and Lighting Co.	4 85 50	(1)	(1)	(1)	(1)	40 00
Milwaukee Electric Railway and Light Co. The ..	124 876 51	(5)	32 219 14	221 38	.....	32 219 13
Milwaukee Light, Heat and Traction Co.	28 182 28	(5)	7,045 88	37 86	.....	14,061 15
Milwaukee Northern Railway Co.	* 17 80	.....	.....	* 139 71	.....	.....
Rockford and Interurban Railway Co. (1) ..	645 17	136 09	68 03	541 40	\$783 41	808 53
Shelbygan Light, Power and Railway Co.	7 1,601 63	7 275 36	.....	7 545 00	.....	7 413 77
Southern Wisconsin Railway Co. (Madison) ..	2,503 98	1,312 00	500 00	.....	.....	1,568 02
Twin City General Electric Co. (Hurley) (1) ..	.....	.....	.....	130 00	.....	* 1,004 00
Waupaca Electric Light and Railway Co.	38 50	.....	.....	.....	.....	265 73
Wausau Street Railroad Co.	88 20	.....	.....	.....	.....	.....
Winnebago Traction Co. (Oshkosh) ..	2 11,709 01	(3)	(3)	1,151 25	.....	(4)
Wisconsin Traction, Light, Heat and Power Co. (Appleton) ..	3 241 94	(5)	.....	.....	.....	1,620 40
Total.....	\$198,028 88	\$7,680 04	\$41,600 67	\$4,745 74	\$783 41	\$52,658 08

1 Wisconsin part only. 2 Legal expenses in connection with damages, and miscellaneous legal expenses included under damages. 3 Insurance charged direct to other accounts. 4 All general expenses except damages and insurance included under miscellaneous general expenses. 5 Legal expenses in connection with damages and insurance included under miscellaneous general expenses. 6 One half of total for railway and lighting. 7 Income interest, and taxes. 8 No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no details of operating expenses reported by the La Crosse City Railway and the La Crosse and Onalaska Street Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Balance Sheet.—Assets.

Name of Company. ⁴	Construction and equipment.	Investments.	Current assets.	Miscellaneous.	Cash.	Sinking and other funds.	Deficit.	Total.
Ashland Light, Power & Street Railway Co. ¹	304,671 08	\$4,724 50	\$18,606 83	\$2,228 81	\$394 10			\$122,685 32
Chicago, Harvard & Geneva Lake Ry. Co. ²	167,678 16						9,530 90	177,209 06
Chippewa Valley Ry., Light & Power Co. ¹	1,259,348 19		13,611 47		5,321 58			1,278,281 24
Duluth Street Railway Co. (Superior) ³	4,917,970 29	102,043 90	73,065 34		48,008 08			5,142,118 61
Eastern Wis. Ry. & Light Co. (Fond du Lac) ³								
Green Bay Traction Co.	1,080,275 30		26,994 49		10,029 27		888,919 33	2,004,128 48
Janesville Street Railway Co.	75,000 00	140 00	725 64		3,578 07		133,388 63	232,842 94
La Crosse & Onalaska Street Railway Co.	455,535 13		16,510 48		250 00			472,304 61
La Crosse & Northern Traction Co.	28,340 16				3,661 00			42,001 16
Manitowoc & Northern Traction Co.	230,117 44				117 96			230,235 39
Menominee & Marinette Light & Traction Co. ^{1,2}	182,078 34	375 00	4,736 53		985 00			188,109 87
Merrill Railway & Lighting Co. ¹	75,400 00	600 00	1,590 00		600 00		280 00	78,440 00
Milwaukee Electric Ry. & Light Co., The ¹	20,181,761 32	1,000,600 00	1,230,353 13		36,640 58	1,880,000 00		25,247,275 03
Milwaukee Light, Heat & Traction Co. ¹	6,297,720 71	12,320,750 00	127,632 71					18,716,103 42
Milwaukee Northern Railway Co.	3,500,000 00	1,228 50	5,468 75		5,774 69			3,512,506 94
Rockford & Interurban Railway Co. ²	3,930,920 06		6,028 55		28,403 08			3,983,754 69
Sheboygan Light, Power & Railway Co. ¹	1,084,686 64		20,857 37		1,094 65		6,579 67	1,103,827 33
Southern Wisconsin Railway Co. (Madison)	1,300,107 62		10,182 14		6,778 94	15,000 00		1,422,156 70
Twin City General Electric Co. (Hurley) ³			700 00					
Waupaca Electric Light & Railway Co. ¹	66,000 00				745 11			67,545 11
Wausau Street Railroad Co.	133,121 63	12,200 52	33 74		3,478 44			148,834 33
Winnebago Traction Co. (Oshkosh)	1,513,703 85		74,652 13		1,102 44		18,657 93	1,606,421 35
Wis. T., L'ht. Heat & Power Co. (Appleton) ¹	853,057 56	6,630 00	12,347 10		18,553 11	5,850 00		886,438 17
Total	\$47,488,001 57	\$14,358,302 42	\$1,063,718 90	\$2,228 81	\$175,117 00	\$1,900,850 00	\$1,075,306 46	\$68,604,185 75

¹ Railway proportion only. ² Wisconsin proportion only.³ Kenosha Electric Railway. ⁴ No balance sheet reported.

*Covers whole line. *No report from the Chicago & Milwaukee Electric Railroad and the

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Balance sheet.—Liabilities.

*NAME OF COMPANY.	Capital Stock.	Funded debt.	Current Liabilities.	Accrued Liabilities.	Sinking and other funds.	Miscel- laneous.	Surplus.	Total.
Ashland Light, Power & Street Ry. Co. ¹	\$45,667 00	\$13,333 00	\$7,411 26	\$30 34		\$1,563 72		\$192,695 32
Chicago, Harvard & Geneva Lake Ry. Co. ²	75 00 01	62,500 00	17,854 07	21,874 90				177,209 03
Chippewa Valley Ry. Light & Power Co. ³	729,000 00	526,500 00	18,580 31				\$1,190 93	1,278,281 24
Duluth Street Railway Co. (Superior) ³	300,000 00	4,000,000 00	58,309 04	48,899 78	\$252,048 09	976 30	481,794 20	5,142,118 61
E. Wis. Ry. & Light Co. (Fond du Lac) ⁴								
Green Bay Traction Co.	1,000,000 00	800,750 00	203,115 06	293 40				2,004,198 48
Janesville Street Railway Co.	50,000 00	75,000 00	106,686 02	1,154 92				252,842 94
La Crosse City Railway Co.	302,200 00	131,000 00	3,266 54	1,300 45			29,537 02	472,304 61
La Crosse & Onalaska Street Railway Co.	38,000 00						4,001 16	42,001 16
Manitowish & Northern Traction Co.	100,000 00	118,000 00	4,326 41				16,906 98	239,235 39
Menominee & Marinette Light & T. Co. ^{1 2}	153,900 00	46,250 00	2,223 88	1,747 74			3,988 25	188,109 87
Merrill Railway & Lighting Co. ¹	40,000 00	30,000 00	7,660 00		800 00			78,460 00
Milwaukee Electric Ry. & L. Co. The ¹	10,800,000 00	10,800,000 00	1,367,333 72	103,092 88	1,068,189 97		428,658 46	25,247,275 03
Milwaukee Light, Heat & Traction Co. ¹	8,500,000 00	8,500,000 00	177,565 00	65,478 53	116,869 44	900,110 29	454,150 16	18,716,103 42
Milwaukee Northern Railway Co.	1,000,000 00	2,300,000 00	7,500 20				5,006 65	3,512,506 94
Rockford & Interurban Railway Co. ³	1,050,000 00	2,900,000 00	105,418 40	47,938 87			100,403 42	3,963,756 69
Sheboygan Light, Power & Railway Co. ¹	290,000 00	700,000 00	121,126 59	2,700 74			1,103,827 33	1,103,827 33
Southern Wisconsin Ry. Co. (Madison)	50,000 00	1,185,000 00	146,901 95	13,421 24	5,853 06		20,982 45	1,422,158 70
Twin City General Electric Co. (Hurley) ⁴								
Waupaca Electric Light & Railway Co. ¹	50,160 00	15,840 00					1,545 11	67,545 11
Wausau Street Railroad Co.	127,450 00		10,000 00				13,394 33	144,834 33
Winnebago Traction Co. (Oshkosh)	650,000 00	648,000 00	243,372 12	48,449 23				1,008,421 35
Wis. Tr., L., Heat & Power Co. (Appleton) ¹	272,786 00	532,350 00	2,254 82	19,280 58	8,201 55		61,585 22	896,436 17
Total	255,613,143 00	\$53,338,123 00	\$2,630,986 10	\$436,153 69	\$2,051,982 71	\$805,680 31	\$1,088,130 94	\$96,084,185 75

¹ Railway proportion only. ² Covers whole line. ³ No balance sheet reported. ⁴ Includes \$11,000 00 of receivers certificates.⁵ No report from the Chicago & Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1917.

Miles of Track.

*NAME OF COMPANY.	WISCONSIN.				WHOLE LINE.		
	1st track. (road.)	2nd track.	Sidings and turnouts.	Total tracks.	Within city limits.	Outside city limits.	Total tracks. (road.)
Ashland Light, Power and Street Railway Co.	0.70		0.10	0.80			0.80
Chicago, Elgin and Geneva Lake Ry. Co.	5.50		.50	6.00			11.41
Chippewa Valley Railway, Light and Power Co.				22.00	14.00	8.00	22.00
Duluth Street Railway Co. (Superior)				22.40			(1)
Eastern Wis. Ry. and Lt. Co. (Pond du Lac)	21.30	22.48	1.04	24.81	8.87	16.04	21.30
Green Bay Traction Co.	37.82		.86	40.80	13.73	27.07	37.82
Janesville Street Railway Co.	4.87	2.02	.23	5.10	5.10		5.10
La Crosse City Railway Co.	11.57	2.73	.33	14.63	14.03		11.57
La Crosse and Oshkosh Street Railway Co.	2.37			2.37			2.37
Manitowish and Northern Traction Co.	9.00		.28	9.28	5.28	4.00	9.00
Menominee & Marinette Lt. and Traction Co.	0.17	1.37	.83	2.37	8.37		13.38
Merrill Railway and Lighting Co.	1.50			1.50	1.50		1.50
Milwaukee Electric Ry. and Light Co. The	60.50	58.81	7.44	126.75	124.05		60.50
Milwaukee Light, Heat and Traction Co.	98.01	82.02	3.03	183.06	54.41	128.65	98.01
Milwaukee Northern Railway Co.	28.55	3.20	1.15	32.90	6.55	26.35	28.55
Rockford and Interurban Railway Co.				14.57			202.81
Shokongan Light, Power and Railway Co.	25.50		.55	26.05	10.02	16.13	25.50
Southern Wisconsin Railway Co. (Madison)	10.70		2.40	13.10	10.00	2.50	13.10
Twin City General Electric Co. (Hurley)	2.20	.08	.08	2.36			4.02
Waupaca Electric Light and Railway Co.	4.00		.15	4.15	1.34	3.41	4.00
Wausau Street Railroad Co.	5.83	.02	.50	6.35	4.28	3.03	5.83
Winnebago Traction Co. (Oshkosh)	38.07	.06	1.24	40.39	16.20	24.30	38.07
Wis. Trac., Lt., H. and P. Co. (Appleton)	18.72		.63	20.35	13.80	6.40	18.72
Total	401.17	154.23	24.68	480.05			504.40
							710.21

¹ Not reported. ² .455 miles of this operated under trackage rights. ³ .75 miles of this operated under trackage rights. ⁴ The Chippewa Valley Ry., Lt. and Power Co., the Duluth Street Ry. Co., and the Rockford Interurban Ry. Co. fail to report separately the miles of first, second and siding tracks.

* No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Equipment—Cars.

* NAME OF COMPANY.	PASSENGER.										Snow plows and sweep- ers.		
	With electric equipment.				Without electric equipment.				Total passen- ger.	Freight.		Mall, baggage, express, etc...	Work cars.
	Closed.	Open.	Combi- nation.	Closed.	Open.	Combi- nation.							
Ashland Light, Power and Street Ry. Co.....	8	2	.....	.....	2	1	.....	11	3	.....	.....	1
Chicago, Harvard and Geneva Lake Ry. Co.....	4	.....	.....	.....	.....	1	.....	7	.....	.....	.....	1
Chippewa Valley Ry., Light and Power Co.....	11	8	.....	.....	.....	.....	.....	19	.....	.....	1	1
Duluth Street Ry. Co. (Superior).....	33	.....	.....	.....	.....	.....	.....	33	.....	.....	1	1
Eastern Wis. Ry. and Light Co. (Fond du Lac)	16	.....	.....	.....	.....	8	.....	24	.....	.....	2	1
Green Bay Traction Co.....	22	4	.....	.....	2	7	.....	35	1	.....	2	2
Janesville Street Railway Co.....	6	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
La Crosse City Railway Co.....	.....	.....	.....	.....	.....	.....	.....	24	.....	.....	8	1
La Crosse and Onalaska Street Ry. Co.....	1	.....	.....	.....	2	2	.....	1	1	.....	.....	.....
Manitowoc and Northern Traction Co.....	6	2	.....	.....	.....	.....	.....	12	.....	.....	.....	.....
Menominee & Marinette Light & Traction Co.....	7	4	.....	.....	.....	13	.....	124	.....	.....	1	1
Merrill Railway and Lighting Co.....	4	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....
Milwaukee Electric Ry. and Light Co., The.....	437	91	.....	.....	.....	.....	.....	3528	.....	162	.....	19
Milwaukee Light, Heat and Traction Co.....	55	.....	.....	64	.....	.....	.....	119	.....	.....	.....	4
Milwaukee Northern Railway Co.....	16	.....	.....	.....	.....	.....	.....	16	.....	1	.....	2
Rockford and Interurban Railway Co.....	9	.....	2	6	.....	.....	.....	317	.....	1	6	1
Sheboygan Light, Power and Railway Co.....	11	4	.....	4	.....	2	.....	31	.....	1	1	2
Southern Wisconsin Ry. Co. (Madison).....	19	10	.....	.....	.....	.....	.....	29	2	.....	8	2
Twin City General Electric Co. (Hurley).....	4	.....	.....	.....	.....	.....	.....	47	.....	.....	1	1
Waupaca Electric Light and Railway Co.....	1	3	.....	.....	.....	3	.....	7	1	1	2	.....
Wausau Street Railroad Co.....	5	1	1	.....	.....	4	.....	11	.....	.....	.....	2
Winnebago Traction Co. (Oshkosh).....	23	5	.....	.....	.....	22	.....	50	.....	.....	1	.....
W. Trac., Light, Heat & P. Co. (Appleton).....	11	2	.....	.....	.....	.....	.....	13	.....	.....	.....	.....
Total.....	709	136	3	80	63	.....	.....	991	8	3	198	41

¹Total number of passenger cars for whole line. 44. ²One hospital car in addition. ³Total number of passenger cars for whole line. 88. ⁴Includes 3 old cars in use as auxiliary cars only.

*No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.
Statistics of Operation.

* NAME OF COMPANY.	PASSENGERS CARRIED.		Tons of Freight carried.	CAR MILES.		CAR HOURS.		Kw. Hrs. generated for railroad purposes.
	Fare.	Transfer.		Passenger.	Other.	Passenger.	Other.	
Ashland Lt., Power and Street Ry. Co.¹	463,166			247,813	3 15,321	32,128		31,128
Chi., Harvard and Geneva Lake Ry. Co.¹	51,931			21,539		36,780		24,218
Chippewa Valley Ry. Lt. and Power Co.	1,574,834	254,756		460,568		48,585		1,00,000
E. Wis. Ry. and Lt. Co. (Superior)¹	4,161,867	41,314,022		828,008		83,460		88,430
E. Wis. Ry. and Lt. Co. (Fond du Lac)¹	1,190,784			516,463		44,067		1,277,362
Green Bay Traction Co.¹	2,048,327	230,821	403	920,870	10,498	85,900	950	2,092,580
Janesville Street Railway Co.¹	2,560,784			146,253		23,154		1,154,138
La Crosse City Railway Co.¹	2,574,833	528,667		756,891				1,066,066
Manitowoc and Northern Tr. Co.	91,257							
Menominee & Marinette Lt. and Tr. Co.¹	932,431	193,209		294,710		37,717		37,717
Merrill Ry. and Lighting Co.¹	171,560			30,000		15,400		15,400
Milwaukee Electric Ry. and Lt. Co.¹	74,720,783	25,809,012		12,294,334		1,363,653		1,363,653
Milwaukee Lt. Heat and Traction Co. The	8,268,670	1,188,405		2,511,064		242,200		242,200
Milwaukee Northern Railway Co.¹	117,839			76,508		3,106		3,106
Rockford and Interurban Ry. Co.¹	474,188			224,387	758	12,501	78	1,113,000
Shenoyan Lt., Power and Railway Co.¹				381,866	35,959			820,000
Southern Wis. Railway Co. (Madison)¹	3,107,302	230,000		686,663		81,030		81,030
Twin City Gen. Electric Co. (Hurley)¹	198,523							
Waupaca Electric Lt. and Railway Co.¹	145,782			47,019	1,500	4,560	155	54,850
Wausau Street Railroad Co.¹	684,318							
Winnebago Traction Co. (Oshkosh)¹	2,154,862	303,362		1,025,675		116,316		1,512,467
Wis. Tr., L. Heat. and P. Co. (Appleton)¹	1,479,261	96,666		461,173		46,640		1,002,200
Total	104,863,399	30,035,840	403	22,297,560	64,014	2,265,664	1,189	2,266,823
								61,984,190

¹ Wisconsin part only. ² Motor freight car mileage only; does not include mileage of freight cars hauled for other companies. ³ Estimated. ⁴ Includes employees' free tickets. ⁵ Purchased power. ⁶ 2 months only. ⁷ No report from the Chicago and Milwaukee Electric Railroad and the Kenosha Electric Railway; no statistics of operation reported by the Manitowoc and Northern Traction Co.

ELECTRIC RAILWAYS OPERATING IN WISCONSIN, YEAR ENDING DEC. 31, 1907.

Earnings and Expenses per Unit.

NAME OF COMPANY.	PASSENGER EARNINGS.				TOTAL EARNINGS.				OPERATING EXPENSES.			
	Per mile of road (1st main track) in dollars.	Per passenger car mile in cents.	Per passenger car hour in cents.	Per passenger car hour revenue in cents.	Per mile of road (1st main track) in dollars.	Per car mile (all revenue) in cents.	Per car hour revenue in cents.	Per revenue passenger in cents.	Per mile of road (1st main track) in dollars.	Per car mile (all revenue) in cents.	Per car hour revenue in cents.	Per revenue passenger in cents.
Ashland Light, Power & St. Ry. Co.	\$3,304	8.83	68.9	80.8	\$3,877	10.30	104.5	5.61	\$3,441	9.31	71.8	4.98
Ch., Harvard & Geneva Lake Ry. Co.	1,214	31.10	12.15	40.10	2,682	40.10	53.6	20.86	2,201	32.92	105.4	22.04
Chippewa Valley Ry. & P. Co.	14,002	19.12	5.59	19.12	14,002	19.12	252.8	5.59	12,327	11.12	105.4	3.25
Duluth Street Ry. Co. (Superior)	18,951	24.20	226.7	227.8	18,951	24.33	280.9	4.84	14,081	12.65	118.5	2.52
E. Wis. Ry. & L. Co. (Fond du Lac)	4,352	18.02	211.1	216.4	4,461	18.48	706.3	8.01	2,570	10.64	124.7	4.62
Green Bay Traction Co.	3,508	14.39	154.5	164.9	3,783	15.38	104.5	6.98	2,827	11.48	123.2	5.21
Janesville Street Railway Co.	3,381	11.92	74.6	74.8	3,591	11.96	104.5	4.85	3,061	10.19	63.8	4.13
La Crosse City Railway Co.	10,768	16.41	.....	16.62	10,900	16.62	.....	4.90	6,831	10.42	.....	3.07
La Crosse & Onalaska Street Ry. Co.	2,928	.....	7.61	.....	2,928	.....	.....	7.61	1,860	.....	.....	4.90
Manitowoc & Northern Traction Co.	3,711	.....	.....	.....	3,921	.....	.....	.....	2,647	.....	.....	.....
Menominee & Marinette L. & T. Co.	6,181	12.94	101.1	13.38	6,380	13.38	104.5	4.74	4,522	9.46	73.9	3.35
Merrill Railway & Lighting Co.	5,478	9.13	53.3	9.16	5,498	9.16	53.6	4.80	5,130	8.56	30.0	4.48
Milwaukee Elect. Ry. & L. Co., The	52,959	26.05	231.5	26.21	53,280	26.21	252.8	4.31	27,847	13.70	121.7	2.25
Milwaukee Light, Heat & T. Co.	7,138	24.80	288.9	25.08	7,180	25.08	280.9	8.52	3,049	10.63	123.4	3.61
Milwaukee Northern Railway Co.	7,741	27.66	680.7	17.96	7,769	28.70	706.3	18.63	5,984	22.15	545.2	14.38
Rockford & Interurban Ry. Co.	14,758	30.94	551.7	30.92	14,778	30.92	549.5	14.08	12,877	18.62	330.9	8.84
Shoebogyan Light, Power & Ry. Co.	2,958	10.75	.....	19.70	3,228	19.70	.....	.....	2,391	14.59	.....	.....
S. Wisconsin Ry. Co. (Madison)	14,366	22.28	180.7	22.35	14,407	22.35	190.3	4.96	7,631	11.84	100.8	2.03
Twin City Gen. Elect. Co. (Hurley)	4,544	.....	.....	.....	4,544	.....	.....	5.00	3,193	.....	.....	3.52
Waupaca Elect. Light & Ry. Co.	2,616	25.50	283.9	25.55	2,685	25.55	282.9	8.51	1,598	15.13	155.7	5.04
Wausau Street Railroad Co.	5,709	.....	.....	.....	5,815	.....	.....	4.94	2,638	.....	.....	2.24
Winnebago Traction Co. (Oshkosh)	3,743	14.11	124.5	14.36	3,817	14.36	126.9	6.85	3,082	11.62	102.5	5.53
Wis. T. L. H. & Pow. Co. (Appleton)	5,465	23.37	231.1	23.44	5,480	23.44	231.7	7.30	2,911	12.45	123.1	3.98

¹Per mile of track (all tracks); miles of road not reported. ²2 months only of operation.

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PART XI.]

Statistics Affecting Other Public Utilities.

TABLE I.—ELECTRIC
Income Account of Electric Plants Operating

No.	City.	Name.
CORPORATIONS.		
1	Antigo.....	Antigo Electric Light Co.....
2	Appleton.....	Wisconsin Traction, Light, Heat and Power Co.....
3	Ashland.....	Ashland Light, Power & St. Ry. Co.....
4	Baraboo.....	Baraboo Lighting Co.....
5	Beaver Dam.....	Beaver Dam Illuminating Co.....
6	Beloit.....	Beloit Water, Gas & Electric Co.....
7	Berlin.....	The Berlin Light, Heat & Power Co.....
8	Chippewa Falls.....	Chippewa Falls Water Works & Lighting Co.....
9	De Pere.....	De Pere Light & Power Co.....
10	Eau Claire.....	Chippewa Valley Railway, Light & Power Co.....
11	Fond du Lac.....	Eastern Wisconsin Railway, Light & Power Co.....
12	Grand Rapids.....	Grand Rapids Electric & Water Co.....
13	Green Bay.....	Green Bay Gas & Electric Co.....
14	Janesville.....	Janesville Electric Co.....
15	Kaukauna.....	Kaukauna Gas, Electric Light & Power Co.....
16	Kenosha.....	Kenosha Gas & Electric Co.....
17	La Crosse.....	La Crosse Gas & Electric Co.....
18	Madison.....	Madison Gas & Electric Co.....
19	Manitowoc.....	Manitowoc Electric Light Co.....
20	Marinette.....	Menominee & Marinette Light & Traction Co.....
21	Menominee.....	Menominee Electric Light & Power Co.....
22	Merrill.....	Merrill Railway & Lighting Co.....
23	Milwaukee.....	The Milwaukee Electric Railway & Light Co.....
24	Milwaukee.....	Milwaukee Light, Heat & Traction Co.....
25	Milwaukee.....	Plankinton Electric Light & Power Co.....
26	Milwaukee.....	Wells Power Co.....
27	Oconto.....	Oconto Electric Co.....
28	Oconto.....	People's Land & Manufacturing Co.....
29	Oshkosh.....	Oshkosh Gas Light Co.....
30	Portage.....	Portage Electric Light Co.....
31	Rhineland.....	Rhineland Light & Power Co.....
32	St. Croix Falls.....	Minnesota Improvement Co. ¹
33	Sheboygan.....	Sheboygan Light, Power & Ry. Co.....
34	Stevens Point.....	Stevens Point Lighting Co.....
35	Superior.....	Superior Water, Light & Power Co.....
36	Washburn.....	Washburn Electric Light & Power Co.....
37	Watertown.....	Watertown Gas & Electric Co.....
38	Waukesha.....	Waukesha Gas & Electric Co.....
39	Wausau.....	Wausau Electric Co.....
		Total.....
MUNICIPAL PLANTS.		
1	Marshfield.....	Municipal Electric Plant.....
2	Menasha.....	" " ".....
3	Sturgeon Bay.....	" " ".....
4	Two Rivers.....	" " ".....
		Total.....

¹In operation since February 1, 1907, only.

REPORT OF THE RAILROAD COMMISSION.

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PLANTS, 1907.

In Cities of Over 5,000 Population.

OPERATING REVENUES.

Public service.	Commercial service.	Income from sale of current for traction	Miscellaneous income.	Deduct discounts, etc.	Total.
\$3,100 00	\$18,952 07		\$2,935 22		\$24,988 19
17,675 03	51,839 47				69,514 50
3,380 59	26,643 86			\$1,983 31	28,041 14
3,300 00	9,800 00		500 00	2,398 00	11,204 00
5,450 00	14,533 95				19,983 95
6,679 50	36,353 39			398 55	42,664 34
1,804 86	17,615 49		10,211 84	1,340 86	28,291 33
6,021 05	19,910 01		3,859 92		29,790 98
3,713 39	11,391 83			156 96	14,948 26
7,182 97	43,192 19				50,375 16
13,790 62	55,659 78				69,450 40
3,435 00	16,110 45		4,415 63		23,961 08
11,594 15	34,241 36		177 50	3,781 30	42,231 71
13,428 38	51,040 93	\$4,037 94	2,679 24	2,512 48	68,674 01
4,176 20	12,404 31			715 64	15,864 87
10,747 52	36,400 59		1,138 32	478 15	47,808 28
17,847 55	98,611 88		34,214 09		148,673 52
14,599 47	154,366 58	16,477 00	959 03		186,402 08
5,791 68	25,867 09		1,898 66	107 01	33,250 62
5,904 46	29,815 20		88 23		35,697 83
4,546 03	8,899 10				13,445 13
5,294 26	16,554 77				21,849 03
123,354 77	478,115 64				601,470 41
27,487 11	94,086 70				121,573 81
	35,602 13		32,496 68	34 71	68,064 10
	32,135 63		24,066 59		56,202 22
3,397 12	3,439 43		12 00	272 04	6,578 51
	7,498 48				7,498 48
19,353 81	74,461 64		3,100 67	183 76	96,722 36
4,955 20	8,435 05				13,390 25
4,419 94	17,772 45		3,499 92		25,692 31
419 09	123,580 40			51 27	123,958 22
13,465 77	54,488 87		1,113 05		69,067 69
5,469 00	11,979 27				17,448 27
13,374 94	87,211 63				100,586 57
1,776 00	8,244 00		980 00		11,000 00
5,329 44	23,079 92			303 10	28,106 26
7,910 43	7,810 97		520 34	502 35	15,648 39
5,442 16	33,478 58		15,138 82		54,059 56
\$405,707 63	\$1,889,435 99	\$20,514 94	\$144,005 75	\$15,287 49	\$2,444,376 82
\$3,873 88	\$12,306 87				\$16,180 75
3,500 00	33 24				3,533 24
4,119 67	8,494 56		\$673 47		13,287 70
2,728 50	5,346 23				8,074 73
\$14,222 05	\$26,180 90		\$673 47		\$41,076 42

TABLE I—ELECTRIC
Income Account of Electric Plants Operating

No.	OPERATING					
	Generating Expense.				Distri-	
	Labor.	Supplies and expense.	Mainte- nance.	Total.	Labor.	Supplies and expense.
CORPORATIONS.						
1						
2	\$ 1,711 75	\$ 9,010 38	\$ 156 28	\$10,878 41	\$ 5,405 28	\$ 3,220 06
3	2,648 14	9,426 04	176 72	12,250 90	3,055 94	501 79
4	1,680 00	3,128 50		4,808 50	900 00	
5	1,140 00	6,319 74		7,459 74	1,308 00	125 00
6	4,160 17	10,178 10	531 59	14,869 86	1,001 88	686 67
7	2,402 88	14,687 67	489 81	17,580 36	1,020 00	
8				4,010 00		
9	2,485 14	450 00	684 15	3,599 29	961 00	379 15
10	3,452 02	1,225 87		4,677 89	1,557 82	1,015 54
11	2,696 15	15,185 09	389 02	18,280 26	7,533 06	1,735 64
12	5,614 96	13,086 61		18,711 57		
13	3,475 00	12,663 30	589 68	16,727 98	3,138 84	853 12
14						
15	1,425 36	1,671 76	1,125 69	4,222 81	571 82	705 51
16	4,091 41	13,517 97	1,018 05	18,627 43	724 63	1,233 75
17	10,965 90	66,465 42	2,482 41	79,913 73	2,463 84	6,213 96
18	12,183 77	60,811 93	9,023 64	82,019 34	7,474 96	8,283 38
19	4,985 05	8,384 34	1,496 56	14,865 95	1,000 00	1,461 57
20	2,103 64	10,369 27	3,025 73	15,528 64	4,000 02	1,634 67
21	1,442 99	487 15	735 06	2,665 20	1,385 35	49 60
22	945 00	313 31	1,454 71	3,213 02	2,499 03	2,119 72
23	25,351 44	86,274 76	15,015 54	135,641 74	39,974 24	28,303 00
24	3,143 27	19,568 15	2,891 02	27,602 44	7,955 79	4,578 89
25	5,673 19	31,300 70	1,989 42	38,963 31	678 38	62 52
26	6,539 38	23,641 43	2,702 59	32,882 40	2,452 86	2,282 30
27	2,416 23	2,356 94	83 24	4,855 41	111 02	53 60
28		2,282 40		2,282 40		
29	4,825 05	25,734 91	1,838 61	32,398 57	6,581 52	4,367 89
30	1,260 00	4,985 00	400 00	6,645 00	780 00	
31		15,100 00		5,100 00	4,656 27	
32	4,721 18	803 62	2,170 32	7,695 12	4,246 36	17 55
33	3,588 93	9,621 20	567 80	13,807 93	2,250 02	2,370 14
34		15,500 00		5,500 00	1,200 00	538 23
35	6,897 54	17,888 37	6,824 11	31,610 02	6,217 07	617 19
36	3,240 00	2,600 00	796 00	6,636 00		
37	2,388 50	3,506 83	674 77	6,570 10	2,431 86	1,613 15
38	1,692 10	7,441 98	1,964 42	11,098 50	1,140 07	303 87
39	2,660 00	44 13		2,704 13	4,541 36	1,113 84
	\$145,965 14	\$515,561 87	\$61,341 94	\$726,868 95	\$130,248 29	\$76,671 80
MUNICIPAL PLANT.						
1	\$ 1,607 40	\$ 3,374 40	\$ 1,710 00	\$ 6,691 80		
2						
3	1,980 00	3,730 20	220 98	5,931 18	\$ 1,352 70	\$ 246 47
4	1,813 30	3,665 34	110 18	3,588 55	654 00	
	\$ 5,400 43	\$ 8,769 94	\$ 2,041 16	\$16,211 53	\$ 2,006 70	\$ 246 47

¹Current purchased.²Total includes \$4,010.00 undistributed expense.³Total includes \$8,196.00 undistributed expense.⁴Total includes \$2,137.29 undistributed expense.

REPORT OF THE RAILROAD COMMISSION.

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PLANTS, 1907—Continued.

in Cities of Over 5,000 Population.—Continued.

EXPENSES.

bution.		General Expense.			Total.
Maintenance.	Total.	Salaries.	Supplies and expense.	Total.	
\$2,059 65	\$10,685 59	\$2,977 83	\$4,542 88	\$7,520 71	\$23,480 32
1,180 51	4,738 24	1,480 08	1,825 46	3,285 52	29,064 71
250 00	1,683 00	750 00	150 00	900 00	20,274 06
1,187 93	2,876 48	1,790 00	1,353 00	3,143 00	6,608 50
535 19	1,555 19	3,930 84	2,800 06	6,730 90	12,285 74
8,190 00	1,555 19	1,020 00	1,001 33	2,021 33	24,477 24
2,148 94	3,509 09	200 00	212 95	412 95	21,766 88
1,832 49	4,405 85	2,145 59	1,503 42	3,739 01	14,346 29
2,335 97	11,604 67	3,168 26	3,722 65	6,890 91	7,521 33
1,818 98	5,810 94	1,990 00	254 72	2,234 72	12,822 75
452 07	1,729 40	2,750 18	4,429 00	7,179 18	36,775 84
1,590 44	3,548 82	2,140 00	1,206 75	3,346 75	20,946 29
5,378 30	14,056 10	1,706 09	2,324 43	4,032 52	29,718 10
8,418 09	24,176 43	11,897 02	5,806 30	17,703 32	34,814 00
600 00	3,061 57	5,258 06	15,793 07	21,051 13	9,298 96
1,383 89	7,218 58	1,710 00	1,789 18	3,499 18	26,208 77
285 97	1,730 92	1,350 00	2,555 65	3,905 65	127,246 90
805 95	5,424 70	1,550 00	835 05	2,385 05	21,426 70
23,787 47	92,064 71	1,500 00	461 81	1,961 81	26,652 87
7,404 78	19,639 46	14,615 59	48,332 59	62,948 18	6,781 17
590 48	1,301 38	5,248 06	7,823 80	13,071 86	10,569 53
1,181 36	5,916 42	3,259 19	1,313 50	4,572 69	290,654 63
49 77	214 39	3,790 10	2,543 39	6,333 49	60,618 78
1,253 77	12,233 18	857 92	820 09	1,678 01	44,837 38
4,656 27	780 00	1,560 00	5,872 05	8,569 31	45,132 31
4,685 94	4,656 27	2,726 66	300 00	2,100 00	6,747 81
1,496 20	7,949 85	1,800 00	3,743 83	9,223 83	3,822 40
250 63	6,118 36	20 00	719 33	739 33	53,231 06
5,281 34	1,968 86	2,610 52	4,769 00	7,379 52	9,525 00
552 37	12,115 60	1,808 00	1,446 80	3,254 80	18,960 10
318 90	4,567 38	4,887 34	5,812 53	10,699 87	16,394 30
	1,762 84	900 00	164 00	1,064 00	27,305 81
	5,655 20	1,890 00	2,690 38	4,580 38	10,743 66
		1,336 67	1,121 97	2,458 64	54,425 49
		1,200 00	70 40	1,270 40	7,700 00
\$79,089 38	\$294,208 47	\$103,875 98	\$140,201 97	\$246,215 24	\$1,325,596 98
	\$1,464 85	\$940 50	\$284 17	1,224 67	\$9,381 32
\$ 770 62	2,369 79	1,400 00	539 59	\$1,939 59	4,522 07
515 25	1,189 25	200 00	594 64	794 64	10,240 56
\$1,285 87	\$5,008 89	\$2,540 50	\$1,418 40	\$3,958 90	\$29,696 39

*Total includes \$58,274.32 undistributed expense.

*Total includes \$1,164.85 undistributed expense.

*Total includes \$4,522.07 undistributed expense.

TABLE I.—ELECTRIC
Income Account of Electric Plants Operating

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross in- come or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
CORPORATIONS.						
1	\$1,527 87		\$1,527 87	\$513 61	\$800 00	\$1,473 61
2	40,429 79	\$2,689 32	43,119 11	3,525 71	23,256 00	26,781 71
3	7,766 48	30 00	7,796 48	811 20	1,663 12	2,474 32
4	4,565 50		4,565 50	720 80		720 80
5	7,698 21		7,698 21	825 55	1,950 00	2,775 55
6	18,187 10		18,187 10	1,462 80	11,132 34	12,595 14
7	6,524 45		6,524 45	612 00	2,016 04	2,628 04
8	15,444 69		15,444 69	1,793 75	2,400 00	4,193 75
9	7,426 95	151 73	7,578 68	761 54		761 54
10	37,552 41		37,552 41	1,265 76	15,875 00	17,140 76
11	32,674 56		32,674 56	1,414 06	13,000 00	14,414 06
12	3,014 79		3,014 79	823 28	768 75	1,592 03
13	12,513 61		12,513 61	1,694 37	15,214 87	16,909 24
14	33,860 01		33,860 01	(1)	8,295 78	8,295 78
15	6,565 91	435 47	7,001 38	1,120 21	5,250 00	6,370 21
16	21,599 51	285 07	21,884 58	823 14	5,019 34	5,842 48
17	37,000 37		37,000 37	7,610 12	28,133 33	*42,343 45
18	59,155 18		59,155 18	3,812 76	19,204 72	23,017 48
19	11,823 92		11,823 92	985 70		*1,285 70
20	9,244 96		9,244 96	897 44	1,401 65	2,299 09
21	6,663 96	243 04	6,907 00	468 13		468 13
22	11,249 50	3,050 00	14,299 50	802 02	2,901 77	3,703 79
23	310,815 78	47,455 65	358,271 43	36,088 22	114,572 74	150,660 96
24	60,955 05	51,922 08	112,877 13	7,294 41	65,883 89	73,188 30
25	23,226 72		23,226 72	203 30	5,862 54	*20,036 34
26	11,069 91		11,069 91			*5,000 00
27	*171 30	155 69	*15 61	258 62	25 00	283 62
28	3,676 08		3,676 08	217 31		217 31
29	43,491 30	3,222 55	46,713 85	3,596 70	14,528 09	*22,997 29
30	3,895 25		3,895 25	240 00	1,500 00	1,740 00
31	6,712 21		6,712 21	628 27	720 00	1,348 27
32	107,573 92	134 37	107,708 29	9,166 66	98,541 63	107,708 29
33	41,761 88		41,761 88	2,311 66	25,000 00	27,311 66
34	6,704 61	1,005 08	7,709 69	726 76	4,768 64	5,495 40
35	46,161 08		46,161 08	2,431 68	21,197 81	23,629 49
36	3,300 00		3,300 00			
37	12,358 40	1,003 62	13,362 02	490 46	5,499 96	5,990 42
38	329 41		329 41	595 50	1,800 00	2,395 50
39	44,429 83		44,429 83	2,570 20	3,614 67	*7,674 87
.....	\$1,118,779 84	\$111,783 67	\$1,230,563 51	\$99,562 70	\$521,967 68	*\$653,764 38
MUNICIPAL PLANTS.						
1	\$6,799 43	\$1,817 86	\$8,617 29		\$5,885 25	\$5,885 25
2	*988 83		*988 83		007 60	607 60
3	3,047 14		3,047 14			
4	2,522 29		2,522 29		550 00	550 00
.....	\$11,380 03	\$1,817 86	\$13,197 89		\$7,042 85	\$7,042 85

¹ Taxes included in expenses of operation.

² Deficit.

³ Includes lease \$30.00.

⁴ Includes \$4,873.50 rents.

⁵ Includes \$1,490.00 rents.

PLANTS, 1907—Concluded.

in Cities of Over 5,000 Population—Concluded.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
\$3,525 71		\$3,525 71		\$54 28
				12,811 09
				5,322 16
2,500 00	\$2,500 00	5,000 00		3,874 70
				² 77 34
			\$1,500 00	4,091 96
	3,440 84	3,440 84		455 57
	3,000 00	3,000 00		8,250 94
			6,000 00	817 12
			3,500 00	16,911 65
6,945 04		6,945 04		11,315 46
				1,422 76
				² 4,385 63
			9,600 00	15,964 23
				631 17
	4,912 19	4,912 19		11,129 91
¹ 8,834 40		8,834 40		² 5,343 08
				27,303 30
				10,538 22
				6,945 87
2,754 96		2,754 96		3,683 91
3,200 00		3,200 00	2,480 00	4,915 71
60,147 04		60,147 04	162,000 00	² 14,536 57
10,941 63		10,941 63	30,000 00	² 1,252 80
				3,190 38
				6,069 91
				299 23
				3,458 77
719 95		719 95		22,996 61
1,250 00		1,250 00		875 25
				5,363 94
				14,450 22
				2,214 29
17,500 00		17,500 00		5,031 59
				3,300 00
1,413 06		1,413 06		5,958 54
				² 2,000 09
			15,000 00	21,754 96
\$119,731 79	\$13,853 03	\$133,584 82	\$230,080 00	\$213,134 31
				\$2,732 04
				² 1,596 43
	\$7,980 00	\$7,980 00		² 4,932 86
				1,972 29
	\$7,980 00	\$7,980 00		² \$1,824 96

⁶ Includes lease \$6,600.00.⁷ Includes \$11,208.30 rents, and \$2,762.20 "extraordinary expense.⁸ Rent.⁹ Total includes \$32,234.00 rents and miscellaneous fixed charges.¹⁰ "Reconstruction" reserve.

TABLE II.—ELECTRIC
Income Account of Companies Operating in

No.	Municipalities.	Name of Company.	OPERATING	
			Public service.	Commercial service.
1	Albany	Albany Electric Light & Milling Co. ¹		
2	Alma	Alma Electric Light Co.	\$580 00	\$2,857 79
3	Amery	Amery Electric Co.	483 00	1,909 80
4	Amherst	B. E. Dwinell & Co. ¹	400 35	1,874 65
5	Athens	Athens Electric Light & Power Co.,	483 10	2,338 34
6	Augusta	J. L. Ball Electric Light Plant.	977 00	2,109 00
7	Baldwin	Baldwin Electric Light & Fuel Co.	949 20	2,290 80
8	Bangor	Hussa Bros. ¹	921 30	1,527 34
9	Belleville	Belleville Mills & Electric Light Co. ¹	360 00	480 00
10	Birnamwood	Birnamwood Electric Light Plant. ¹ ..	497 00	2,900 00
11	Bloomer	Martin Rasmus. ¹	420 00	2,400 00
12	Boyd	Chas Shong & Son. ¹	800 00	534 73
13	Brodhead	Brodhead Electric Co.	1,058 00	4,874 74
14	Burlington	Burlington El. Lt. & Power Plant.	1,494 00	9,591 53
15	Cashton	Cashton Milling Co. ¹	600 00	500 00
16	Chetek	Chetek Light & Power Co.	554 37	1,581 60
17	Colfax	Colfax Mill & Power Plant. ¹	700 00	
18	Darlington	Darlington El. Lt. & Water Power Co.		
19	Dodgeville	Dodgeville Electric Light & P. Co.	1,580 00	4,050 00
20	Durand	Durand Light & Power Co.	444 00	4,540 00
21	Edgerton	Edgerton Electric Light Co.	1,586 00	7,227 42
22	Elkhart Lake	Milwaukee & Fox Riv. Valley Ry. Co.	980 13	2,651 15
23	Ellsworth	Ellsworth Heat, Light & Power Co.	640 00	2,906 10
24	Fountain City	Fountain City Light & Power Co.	921 80	3,246 00
25	Frederick	Dahlberg Bros. ¹	580 00	1,562 00
26	Galesville	Davis Mill Co. ¹	363 80	3,136 40
27	Gays Mills	Atwood & Haggerty ¹	344 00	838 50
28	Glenwood	Glenwood & Downing Lt. & P. Co.	1,264 08	1,856 72
29	Hartford	Hartford Electric Co.		5,437 50
30	Hudson	Burkhardt Milling, El. Lt. & P. Co. ¹	4,939 75	9,919 11
31	Iola	Frogner Bros. & Sons. ¹		
32	Iron River	Iron River Water, Lt. & Power Co.	880 00	6,119 89
33	Kewaskum	Kewaskum Electric Light Co. ¹		2,880 00
34	Ladysmith	Ladysmith Lighting Co.	4,800 00	1,800 00
35	La Farge	La Farge Electric Co.	444 00	1,049 99
36	Lake Geneva	Equitable Electric Light Co.	2,284 80	17,719 51
37	Lake Mills	Creamery Package Mfg. Co. ¹	840 00	4,160 00
38	Lancaster	Lancaster Electric Light Co.	2,550 00	7,601 30
39	Manawa	Little Wolf River Lumber Co. ¹	216 00	1,980 00
40	Mauston	Mauston Electric Service Co.		
41	Mayville	The Northwestern Iron Co. ¹	1,317 15	4,336 58
42	Medford	Medford Light and Heating Co.	2,400 00	4,507 25
43	Mellen	Mellen Water & Light Co. ¹	808 00	3,273 05
44	Menomonee Falls	Menomonee Falls Electric Light Co.	1,080 00	1,300 67
45	Milwaukee	Railway Exchange Building Co. ¹		3,459 48
46	Mineral Point	Mineral Pt. Electric Light Co. ¹	1,050 00	3,526 51
47	Mondovi	Mondovi Electric Light Plant.		
48	Monroe	Monroe Electric Light & Power Co.	4,838 74	8,642 84
49	Montello	Montello Granite Co. ¹	875 00	2,575 00
50	Mt. Horeb	Mt. Horeb Electric Light Co.	399 38	1,975 00

¹ Company principally engaged in a manufacturing business. Electric service an auxiliary product.

PLANTS.—1907.

Municipalities of Less Than 5,000 Population.

REVENUES.			OPERATING EXPENSES.			
Miscellaneous.	Deduct discounts, etc.	Total.	Generating.	Distributing.	General.	Total.
		\$2,735 00	\$735 00			\$735 00
		3,447 79	2,410 13		\$883 09	3,293 22
	\$86 83	2,305 97	1,489 14	\$28 72	506 28	1,972 12
		2,275 00	505 00	30 00	40 00	575 00
\$130 49	2 32	2,957 61	1,319 74	176 98	219 43	1,716 13
375 55		3,461 55	2,619 26		300 00	2,919 26
		3,240 00	2,422 00	47 53		2,469 53
	22 17	2,426 47	1,934 53	27 79	279 69	2,242 01
80 00		920 00	56 50	5 00		61 50
		3,397 00	2,815 00	70 00		2,885 00
		2,820 00				1,242 00
427 20		1,701 93	1,167 50	87 00		1,254 50
		5,930 74	2,110 00	922 00	468 00	3,500 00
940 00	34 56	11,050 97	2,770 00	59 00	85 00	5,813 40
3 70		2,139 67	490 75	112 00	967 50	1,570 25
180 00		890 00	230 00	95 00	120 00	445 00
		7,983 30	3,388 84		1,188 60	4,577 44
		5,640 00	4,146 50		820 00	4,966 50
300 00	24 00	5,260 00	800 00	571 85	627 17	1,999 02
210 25		9,033 67	3,969 97	941 31	511 81	5,423 09
	114 41	3,496 87	2,878 00	240 00	80 00	3,198 00
507 04		4,053 14	2,263 83	675 00	158 97	3,097 80
		4,167 60	2,735 36	360 00	910 00	4,005 36
		2,172 00	1,625 00	295 00	210 00	2,130 00
		3,500 00				2,000 00
		1,182 50	637 45	43 50	150 00	830 95
252 10		3,372 90	3,029 98	325 00	46 50	3,401 48
	78 61	5,358 89	2,839 95		500 00	3,339 95
		14,858 86	6,276 03	3,860 00	727 80	10,863 83
		1,865 55				1,600 00
		6,979 89	3,790 00	185 00	883 00	4,858 00
		2,880 00	1,370 00		1,500 00	2,870 00
		6,600 00	1,125 00	1,125 00	1,876 00	4,126 00
		1,493 99	1,073 82		74 59	1,149 41
	461 54	19,542 77	6,661 79	2,448 30	2,642 48	11,750 57
		5,000 00	2,440 50	1,560 00		4,020 50
		10,151 30	5,981 50		1,434 37	7,415 87
		2,196 00	1,200 00	120 00	300 00	1,620 00
		6,606 75				2,051 01
1,383 64		7,037 37	7,587 97			7,587 97
		6,907 25	4,702 75	1,040 00	247 50	5,990 25
1,945 80		6,026 85				4,313 00
		2,380 67	1,900 00		60 00	1,960 00
		3,459 48	2,813 98	397 12	667 06	3,878 16
3,439 61		8,016 12	4,553 56		2,579 74	7,133 30
		4,200 00	1,851 90		60 00	1,911 95
7 00		13,488 58	6,165 15	1,775 00	2,039 00	9,979 10
160 00		3,510 00	615 00	50 00	15 00	680 00
75 00		2,449 38	765 00		27 00	792 00

TABLE II.—ELECTRIC

Income Account of Companies Operating in

No.	Municipality.	Name of Company.	OPERATING	
			Public service.	Commercial service.
51	Necedah	Necedah Milling & Electric Co. ¹	\$636 00	\$3,035 33
52	Neillsville	Neillsville Electric & Water Supply Co	1,698 16	3,615 70
53	New Richmond..	New Richmond Power Co. ² .....	.....	3,294 39
54	North Freedom..	North Freedom Electric Light Co.	351 12	683 92
55	N'rth Milwaukee	North Milwaukee Light & Power Co..	2,409 45	3,769 30
56	Omro	Omro Electric Light Co. ....	.....	.....
57	Pardeeville	Pardeeville Electric Light Plant.	432 00	1,358 85
58	Park Falls	Park Falls Water, Light & Power Co. ..	1,668 66	7,521 07
59	Plainfield	Starks & Skeel ¹	1,200 00	1,200 00
60	Platteville	Platteville Electric Light & Power Co. ..	2,909 18	9,752 04
61	Prairie du Chien	Prairie City Electric Co.	2,121 12	6,845 93
62	Ripon	Ripon Light & Water Co.	4,408 00	4,860 39
63	Seymour	Seymour Electric Co.	745 00	2,851 00
64	Sheboygan Falls.	Sheboygan Falls Light & Power Co.	1,080 00	2,646 84
65	Soldiers Grove..	Soldiers Grove Electric Co. ....	.....	.....
66	Sparta	O. I. Newton Sons Co. ¹	3,369 98	14,168 58
67	Stanley	Northwestern Lumber Co. ¹	6,700 69	120 00
68	Viroqua	Viroqua Electric Light Co.	4,420 40	6,035 00
69	Walworth	T. H. Windsor	1,200 00	3,977 85
70	Waterford	Waterford Electric Light Co. ¹	720 00	1,080 00
71	West Bend	West Bend Heating & Lighting Co. ¹ ..	1,869 48	7,998 09
72	Westfield	Westfield Milling & Electric Light Co. ¹	1,365 00	1,200 00
73	West Salem	Neshonoc Light & Power Co. ¹	900 00	2,200 00
74	Weyauwega	Weyauwega Electric Light Co.	766 20	3,133 88
75	Whitewater	Whitewater Electric Light Co.	3,761 94	9,211 83
76	Wittenberg	Viking Lumber Co. ¹	1,188 66	4,065 76
77	Wyocena	Duck Creek Light and Power Co.	100 00	1,920 00
Total			\$65,722 59	\$268,685 04

¹ Company principally engaged in the manufacturing business. Electric service an auxiliary product.

² In operation six months.

PLANTS, 1907.—Continued.

Municipalities of Less Than 5,000 Population.

REVENUES.			OPERATING EXPENSES.			
Miscellaneous.	Deduct discounts, etc.	Total operating revenue.	Generating.	Distributing.	General.	Total operating expenses.
\$300 00		\$3,971 33	\$2,370 00	\$8 00	\$323 50	\$3,001 50
		5,313 86				5,590 51
		3,284 39	2,945 93	40 00		2,985 93
		1,038 04	1,156 50		63 00	1,219 50
766 11		6,944 86				5,486 25
		3,466 24	1,975 15	49 16	606 22	2,630 53
		1,790 85	1,797 00	86 16	18 50	1,901 66
	\$301 23	8,888 50	5,971 18	1,473 13	1,181 76	8,625 67
		2,400 00				1,805 00
2,870 79		15,532 01	9,902 74	2,342 25	1,709 30	14,044 29
		8,967 05	6,589 57	925 05	1,685 55	9,200 17
	743 97	8,524 42	4,076 24	456 69	1,517 70	6,053 63
		3,596 00	2,323 00	196 00	68 00	2,587 00
400 00		4,128 84	3,128 00	400 00	900 00	4,428 00
		2,174 05	925 05		700 00	1,625 05
4,274 76	375 84	21,437 48	2,118 94	1,872 09	7,305 65	11,296 08
462 24		7,312 93	2,015 00	800 00	600 00	3,415 00
		10,455 40	7,383 29	185 06	2,006 67	9,575 02
11 60		5,189 45	4,219 71	947 00	7 03	5,173 74
		1,800 00				780 00
1,188 15	3,040 87	8,004 85	3,985 65	1,376 89	1,000 00	6,372 54
		2,565 00	950 00	420 00	130 00	1,500 00
		3,100 00	1,100 00	150 00	120 00	1,370 00
		3,900 08	1,125 00		197 56	1,322 56
		12,973 77	5,153 83		3,128 19	8,282 02
		5,274 42	700 00	88 00	2,203 53	2,991 53
75 00		2,065 00	974 25	50 00	15 00	1,039 25
\$20,676 03	\$5,286 35	\$2408,828 20	\$185,219 41	\$29,537 56	\$49,992 32	\$295,439 46

³ Total contains \$29,030.89 undistributed revenue.⁴ Total contains \$30,690.17 undistributed expense.

TABLE II.—ELECTRIC
Income Account of Companies Operating

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
1	\$2,000 00		\$2,000 00	\$175 00		\$175 00
2	154 57		154 57	42 37		42 37
3	333 85	\$121 60	455 45	29 10	\$420 00	449 10
4	1,700 00		1,700 00	40 00		40 00
5	1,241 48	78 42	1,319 90	52 91	450 00	502 91
6	542 29		542 29	170 10	360 00	530 10
7	770 47		770 47	64 26		64 26
8	184 46	146 50	330 96	133 18	60 00	193 18
9	858 50		858 50	20 00		20 00
10	512 00		512 00			
11	1,578 00		1,578 00	137 00		137 00
12	507 43		507 43			
13	2,430 74		2,430 74	106 87		106 87
14	5,237 57		5,237 57	142 98	108 77	251 75
15	1814 00		1814 00	79 00	100 00	179 00
16	569 42		569 42	57 85	90 00	2647 85
17	415 00		415 00			
18	3,405 86		3,405 86	178 71		178 71
19	673 50		673 50		673 50	873 50
20	3,260 98		3,260 98	250 43	124 64	381 07
21	3,610 58		3,610 58			
22	298 87		298 87			
23	955 34		955 34		154 85	204 85
24	162 24		162 24			
25	42 00		42 00	75 00		75 00
26	1,500 00		1,500 00			
27	351 55	25 00	376 55	17 60	120 00	197 60
28	128 58		128 58	46 20		46 20
29	2,018 94		2,018 94	46 20		46 20
30	3,965 03		3,965 03	485 54		485 54
31	265 55		265 55			
32	2,121 89		2,121 89	1,341 89	780 00	2,121 89
33	10 00		10 00			
34	2,474 00		2,474 00	137 78		137 78
35	345 58		345 58			
36	7,792 20	337 44	8,129 64	317 23	321 92	1,969 15
37	979 50		979 50	55 00		55 00
38	2,735 43		2,735 43	137 40	650 00	787 40
39	576 00		576 00	50 00		50 00
40	4,555 74		4,555 74			
41	1550 60		1550 60	60 20		60 20
42	917 00		917 00	161 94	158 35	320 29
43	1,713 85		1,713 85	250 00	1,120 00	1,370 00
44	420 67		420 67			
45	1418 68		1418 68	50 00		50 00
46	882 82	2,046 16	3,528 98	125 00	600 00	725 00
47	2,288 10		2,288 10	65 34		65 34
48	3,509 43		3,509 43	309 06	325 00	634 06
49	2,830 00		2,830 00			
50	1,657 38		1,657 38	20 58	16 00	42 58

¹ Deficit.² Includes \$500 lease of water power.³ Includes \$50 lease.⁴ Includes \$300 lease of water power.

PLANTS, 1907—Continued.

in Municipalities of Less Than 5,000 Population.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
				\$1,825 00
				112 20
				6 35
				1,000 00
				816 99
				12 19
				708 21
				137 78
				838 50
				512 00
				1,441 00
				507 43
				2,323 87
	\$1,792 12	\$1,792 12	\$2,500 00	693 70
				*993 00
\$500 00		500 00		*578 43
				415 00
				3,227 15
				2,879 91
			2,063 10	1,517 48
				296 87
				750 49
				162 24
				*33 00
	100 00	100 00		1,500 00
				78 95
				*74 84
				1,972 74
				3,509 49
				265 55
				10 00
				2,336 22
			345 58	
				6,140 49
				924 50
	*1,227 97	1,227 97		720 06
				526 00
				4,555 74
				*610 80
			600 00	*3 29
				343 85
				420 67
				*468 68
				2,803 06
				2,222 76
			1,500 00	1,375 37
				2,830 00
				1,614 80

* Includes \$1,350 lease.

† Suspense account.

* Deficit.

TABLE II.—ELECTRIC
Income Account of Companies Operating In .

No.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.		
				Taxes.	Interest.	Total.
51	989 83		989 83	120 00		120 00
52	¹ 276 65		¹ 276 65	164 24		164 24
53	298 46		298 46	65 00		65 00
54	¹ 181 46	\$13 35	¹ 168 11	55 54	60 00	115 54
55	1,449 61		1,449 61	132 36	600 00	732 36
56	835 71		835 71	106 35	114 46	220 81
57	¹ 110 81		¹ 110 81	80 00		80 00
58	282 83		282 83	34 98	351 85	386 83
59	595 00		595 00	216 00		216 00
60	1,487 72		1,487 72	231 65	613 45	845 10
61	¹ 233 12		¹ 233 12	167 85	219 75	387 70
62	2,470 79	76 98	2,547 77	155 75	448 11	601 86
63	1,009 00		1,009 00	84 00	135 00	² 444 00
64	¹ 301 16		¹ 301 16			
65	549 00		549 00	48 50		48 50
66	10,140 80		10,140 80	509 56	3,900 00	4,409 56
67	3,897 93		3,897 93	175 00	25 00	200 00
68	880 38		880 38	219 80		219 80
69	15 71		15 71	25 82	183 21	209 03
70	1,020 00		1,020 00			
71	1,632 31		1,632 31	104 02		104 02
72	1,085 00	100 00	1,185 00	30 00		30 00
73	1,730 00		1,730 00	300 00		300 00
74	2,577 52		2,577 52	104 04		104 04
75	4,691 75		4,691 75	437 73	90 00	527 73
76	2,282 89		2,282 89		91 75	91 75
77	1,055 75	482 00	1,537 75	86 39	15 75	102 14
	\$113,333 74	\$4,027 45	\$117,416 19	\$9,098 46	\$13,479 36	² \$24,762 82

¹ Deficit.² In operation six months.

PLANTS, 1907—Concluded.

Municipalities of Less Than 5,000 Population.

RESERVES.			Dividends.	Surplus or deficit.
Depreciation.	Other reserves.	Total.		
				849 83
				¹ 440 89
				233 46
				² 283 65
				717 25
				614 90
				¹ 190 81
238 18	562 18	800 36	200 00	¹ 1,124 36
				379 00
				642 62
			1,013 25	¹ 1,634 07
			557 15	1,388 76
				565 00
				¹ 301 16
			500 50	
3,000 00	500 00	3,500 00		2,231 24
				3,067 93
				660 58
				¹ 193 32
				1,020 00
				1,528 29
				1,135 00
				1,430 00
			2,400 00	73 48
			3,589 72	564 30
				2,161 14
				1,435 61
\$3,738 18	\$4,182 27	\$7,920 45	\$15,309 30	\$30,423 62

* Includes \$225 rent.

* Total includes \$2,185.00 miscellaneous fixed charges.

TABLE III.—ELECTRIC
Income Account of Municipal Plants Operating

No.	Municipality.	OPERATING REVENUES.				Total.
		Public service.	Commercial service.	Miscellaneous income.	Deduct discounts, etc.	
1	Algoma ¹	\$2,172 00	\$3,350 14			\$5,522 14
2	Arcadia ¹	781 57	2,662 56	\$293 80		3,737 93
3	Barron.....		3,553 62			3,553 62
4	Bayfield ¹	1,200 00	7,285 84			8,485 84
5	Black River Falls ¹	1,904 99	4,078 86			5,983 85
6	Blair.....	1,800 00				1,800 00
7	Boscobel.....					3,215 94
8	Cedarburg.....	1,591 68	4,282 58	118 16		5,992 42
9	Clintonville.....	1,731 70	4,772 95	2,296 04	\$5 84	8,794 85
10	Columbus ¹	2,250 00	5,158 64			7,408 64
11	Cuba City ¹		903 00			903 00
12	Cumberland ¹		3,118 62			3,118 62
13	Elkhorn ^{1 2}	3,060 00	5,532 84			8,592 84
14	Elroy ¹		3,978 00	400 00		4,378 00
15	Evansville ¹	2,500 00	5,593 56	314 22		8,407 78
16	Fennimore ¹	1,319 00	5,146 50			6,465 50
17	Ft. Atkinson ¹	1,734 96	17,482 83			19,217 79
18	Grantsburg.....	780 00	2,792 28			3,572 28
19	Independence.....		1,607 00	700 00		2,307 00
20	Jefferson ¹	1,580 00	6,072 71	480 00		8,132 71
21	Kilbourn.....		2,005 44			2,005 44
22	Mazomanie ¹	680 00	1,844 44			2,504 44
23	Monticello.....	1,000 00	1,350 00			2,350 00
24	New Glarus.....	1,100 00	1,200 00			2,300 00
25	New London ¹	2,518 02	3,782 84			6,300 86
26	New Richmond ¹		6,364 37			6,364 37
27	Oconomowoc ¹	4,737 72	10,240 51		749 31	14,228 92
28	Plymouth ¹					15,280 00
29	Port Washington ³	2,857 50	7,280 00			10,137 50
30	Princeton.....	1,000 00	3,423 84			4,423 84
31	Randolph.....	1,200 00	2,145 93	329 57		3,675 50
32	Rice Lake ¹	2,600 00	6,613 75			9,213 75
33	Richland Center ¹	3,867 00	6,833 49			10,700 49
34	River Falls ¹		7,556 00			7,556 00
35	Sauk City.....	600 00	1,683 89			2,283 89
36	Shell Lake ¹		1,486 80			1,486 80
37	Spooner ¹		3,800 05	151 65		4,011 70
38	Spring Green.....	900 00	2,530 00			3,430 00
39	Stoughton ¹	3,189 25	9,813 27			13,002 52
40	Waupun ¹	1,380 00	6,175 83	376 90		7,932 73
41	Westby ¹	610 00	3,000 00			3,610 00
	Total.....	\$52,625 39	\$176,562 98	\$5,460 34	\$755 15	\$252,389 50

¹ Municipality also furnishes water service.

² Report covers period of 15 months.

³ Municipal plant operated on a two-year lease by the Wisconsin Chair Co.

⁴ Total includes items of \$18,495.94 undistributed revenue.

PLANTS, 1907.

in Municipalities of Less Than 5,000 Population.

OPERATING EXPENSES.				Net operat- ing revenue or deficit.	Income from sources other than opera- tion.	Gross income or deficit.	In- terest.	Re- serves.	Surplus or deficit.
Gen- erating.	Distrib- ution.	General.	Total.						
\$3,542 99	\$159 73	\$1,039 93	\$4,742 65	\$779 49		\$779 49	\$1,950 00		\$1,170 51
2,751 06	31 37	378 55	3,160 98	576 95		576 95			576 95
			2,176 30	1,377 32		1,377 32		\$1,487 06	\$109 74
4,560 71	2,345 33	344 93	7,250 97	1,234 87		1,234 87	180 00	400 00	674 87
2,550 44	568 80	361 37	3,480 61	2,503 24		2,503 24	423 63		2,079 61
1,830 00	4 00		1,834 00	734 00		734 00			734 00
3,630 00	225 00	300 00	4,155 00	7939 06		7939 06	250 00		\$1,189 06
5,515 90		196 52	5,712 42	280 00		280 00			
4,922 79	860 75	2,126 32	7,909 86	1,484 99	\$20 79	1,505 78	400 00		1,105 78
4,224 17	1,373 76	521 43	6,119 36	1,289 28		1,289 28	1,105 00		184 28
1,973 00		50 00	2,023 00	71,120 00		71,120 00	300 00		\$1,420 00
			4,513 00	71,394 38		71,394 38			71,394 38
5,240 40		288 00	5,528 40	3,064 44		3,064 44	750 00	1,060 00	1,264 44
5,418 00	443 00	200 00	6,061 00	71,683 00		71,683 00	500 00		\$2,183 00
5,646 73	1,635 49	565 71	7,847 93	559 85		559 85	441 52		118 33
2,300 00	2,200 00	2,200 00	6,700 00	7234 50		7234 50	637 50		\$672 00
8,855 44		859 55	9,714 99	9,502 80		9,502 80	1,725 62		7,777 18
2,941 72	140 00	111 00	3,192 72	379 56	22 85	402 41	400 00		2 41
2,222 00		50 00	2,272 00	35 00		35 00			35 00
5,357 01	540 14	222 70	6,119 85	2,012 86		2,012 86	1,570 00		442 86
2,514 01			2,514 01	7508 57		7508 57	200 00		708 57
2,384 55	32 97	38 96	2,468 38	36 06		36 06	161 23		\$125 17
1,750 00	200 00	550 00	2,500 00	7150 00		7150 00	425 00		\$575 00
1,455 00	510 00	60 00	2,025 00	275 00		275 00	580 00		\$305 00
3,034 71	323 39	950 00	4,308 10	1,962 76		1,962 76	262 53		1,730 23
6,099 96	2,018 29	43 25	8,161 50	71,797 13		71,797 13			71,797 13
5,170 00	2,404 51	900 00	8,534 51	5,694 41		5,694 41	880 00		4,814 41
5,683 34	180 09	126 00	5,989 43	9,290 57		9,290 57	2,156 00		7,134 57
5,300 00	735 00	1,205 00	7,240 00	2,897 50	1,018 00	3,915 50	1,004 80		\$900 00
806 99	30 75	1,157 50	1,995 24	2,428 60		2,428 60	300 00		2,088 60
2,976 76	828 33	110 10	3,915 19	7239 69		7239 69	380 00		\$619 69
11,060 17	450 00	600 00	12,110 17	72,896 42		72,896 42			\$2,896 42
5,728 47	561 45	318 61	6,608 53	4,091 96		4,091 96	2,960 00		1,131 96
1,564 62	1,142 19	1,526 93	4,233 74	3,322 26	72 00	3,394 26	640 00	1,500 00	1,254 26
1,763 25			1,763 25	520 64		520 64			520 64
			1,138 90	347 90		347 90	173 00		174 90
1,020 76	161 00	1,002 51	2,184 27	1,827 43		1,827 43			1,827 43
3,656 53	3,583 13	73 40	7,313 06	73,883 06	50 00	73,833 06	300 00		\$4,133 06
5,336 69	2,203 67	1,225 05	8,765 41	4,237 11		4,237 11	809 35		3,427 76
			5,907 69	2,025 04		2,025 04	300 00		1,725 04
2,430 00	114 00	135 00	2,679 00	931 00		931 00			931 00
143,230 17	\$25,466 04	\$19,838 32	\$202,270 42	\$50,119 08	\$1,183 64	\$51,302 72	\$22,485 18	\$4,437 06	\$22,369 78

^a Power purchased.^b Total includes items of \$13,735.89 undistributed expense.^c Deficit.^d Includes deduction of \$2,010.70 for dividends.

TABLE IV.—ELECTRIC PLANTS, 1907.
Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.			Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distri- bution.	General.	Total.
1	Albany	Albany Elec. Light & Milling Co.....	100.00	.....	.....	100.00
2	Algoma	Algoma City Water & Light Plant.....	74.72	3.86	21.92	100.00
3	Alma	Alma Elec. Light Plant.....	73.18	.....	26.82	100.00
4	Amery	Amery Electric Co.....	72.98	1.35	26.67	100.00
5	Amherst	B. E. Dwindell & Co.....	87.83	5.32	6.95	100.00
6	Antigo	Antigo Electric Light Co.....	.....	.....	.....	100.00
7	Appleton	Wis. Trac. Light, Heat & Power Co.....	37.33	36.76	25.95	100.00
8	Arcadia	Arcadia Elec. Light & Power Plant.....	37.06	.99	11.93	100.00
9	Ashland	Ashland Light, Power & Street Ry. Co.....	60.43	23.37	16.90	100.00
10	Athens	Athens Elec. Light & Power Co.....	76.89	10.32	12.79	100.00
11	Augusta	J. L. Ball Elec. Light Plant.....	99.72	.....	10.23	100.00
12	Baldwin	Baldwin Elec. Light & Fuel Co.....	93.03	1.92	.....	100.00
13	Bangor	Huss Bros. Light & Power Plant.....	94.29	1.24	12.47	100.00
14	Baraboo	Baraboo Lighting Co.....	73.76	13.68	13.68	100.00
15	Barron	Barron Munic. Light Plant.....	.....	.....	.....	100.00
16	Bayfield	Bayfield Munic. Light Plant.....	68.90	32.24	4.76	100.00
17	Beaver Dam	Beaver Dam Illuminating Co.....	60.72	12.79	26.56	100.00
18	Belleville	Belleville Mills & Elec. Light Plant.....	91.87	8.12	.....	100.00
19	Beloit	Beloit Water, Gas & Elec. Co.....	.....	11.76	27.60	100.00
20	Berlin	Berlin Lighting, Heating & Power Co.....	80.82	7.14	12.04	100.00
21	Biramwood	Biramwood Elec. Light Plant.....	97.57	2.43	.....	100.00
22	Black River Falls ..	Black River Falls Munic. Elec. Plant.....	73.23	16.24	10.38	100.00
23	Blair	Blair Elec. Light & Pumping Station.....	99.73	.23	.....	100.00
24	Bloomer	Martin Rasmus Elec. Light Plant.....	.....	.....	.....	100.00
25	Boscobel	Boscobel Elec. Light & Power Co.....	87.86	6.43	7.22	100.00
						129.20

26	Boyd	Chas. Shong & Son.....	93.08	6.94	.....	100.00	71.20
27	Brodhead	Brodhead Elec. Co.....	60.29	26.34	13.37	100.00	59.01
28	Burlington	Burlington Elec. Light & Power Co.....	.....	.....	.....	100.00	52.00
29	Cashon	Cashon Milling Co.....	95.06	2.02	2.92	100.00	188.76
30	Cedarburg	Cedarburg Elec. Light Plant.....	96.56	.....	3.44	100.00	95.33
31	Chetek	Chetek Light & Power Co.....	31.25	7.14	61.61	100.00	73.39
32	Chippewa Falls	Chippewa Falls Water Works & Lighting Co.....	27.95	57.15	14.90	100.00	48.16
33	Clintonville	Clintonville Elec. Light Plant.....	67.85	3.56	24.09	100.00	88.13
34	Colfax	Colfax Mill & Power Plant.....	51.68	21.35	26.97	100.00	51.74
35	Columbus	Columbus Water Works & Lighting Plant.....	69.08	22.45	8.52	100.00	82.58
36	Cuba City	Cuba City Elec. Light Plant.....	97.53	.....	2.47	100.00	224.00
37	Cumberland	Cumberland Munic. Lighting Plant.....	.....	.....	.....	100.00	144.70
38	Darlington	Darlington Elec. Light & Water Co.....	83.49	.....	16.51	100.00	57.34
39	De Pere	De Pere Elec. Light & Power Co.....	47.85	46.66	5.49	100.00	50.33
40	Dodgeville	Dodgeville Elec. Light & Power Co.....	83.48	.....	16.51	100.00	88.06
41	Durand	Durand Light & Power Co.....	40.02	22.61	31.87	100.00	38.00
42	Eau Claire	Chippewa Valley Ry. Light & Power Co.....	36.48	34.86	29.16	100.00	25.46
43	Edgerton	Edgerton Elec. Light Co.....	73.19	17.37	9.44	100.00	60.03
44	Elkhart Lake	Milwaukee & Fox River Valley Ry. Co.	90.00	7.50	2.50	100.00	91.46
45	Elkhorn	Elkhorn Light & Power Co.....	94.80	.....	5.20	100.00	64.34
46	Ellsworth	Ellsworth Heat, Light & Power Co.....	73.08	21.79	5.13	100.00	76.43
47	Elroy	Elroy Munic. Light & Water Works Plant.....	89.40	7.80	3.80	100.00	133.40
48	Evansville	Evansville Water & Light Department.....	71.96	20.84	7.20	100.00	96.84
49	Fennimore	Fennimore Munic. Elec. Light Plant.....	34.23	32.84	32.84	100.00	103.68
50	Fond du Lac	Eastern Wis. Ry. & Light Co.....	49.71	31.55	18.74	100.00	52.95
51	Fort Atkinson	Fort Atkinson Light & Water Department.....	91.16	.....	8.81	100.00	50.55
52	Fountain City	Fountain City Light & Power Co.....	68.29	8.99	23.73	100.00	96.10
53	Frederick	Dahlberg Bros.	76.29	13.85	9.86	100.00	98.06
54	Galesville	Davis Mill Co.....	.....	.....	.....	100.00	57.14
55	Gays Mills	Atwood & Haggerty	76.73	5.23	19.05	100.00	70.27
56	Glenwood	Glenwood & Downing Light & Power Co.....	89.07	9.56	1.87	100.00	100.95
57	Grand Rapids	Grand Rapids Elec. & Water Co.....	89.34	.....	10.66	100.00	87.48
58	Grantsburg	Grantsburg Munic. Elec. Light Plant.....	92.14	4.38	3.48	100.00	89.88
59	Green Bay	Green Bay Gas & Elec. Co.....	56.26	19.56	24.16	100.00	70.37
60	Hartford	Hartford Elec. Co.....	85.04	.....	14.96	100.00	62.33
61	Hudson	Burkhardt Milling Elec. Light & Power Co.....	57.78	35.53	6.69	100.00	73.13

TABLE IV.—ELECTRIC PLANTS, 1907.—Continued.
Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.			Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distrib- ution.	General.	Total.
62	Independence	Independence Munic. Elec. Light Plant.....	97.80	2.30	.....	100.00
63	Iola	Frogner Bros. & Son.....	.....	.....	.....	100.00
64	Iron River	Iron River Water, Light & Power Co.....	78.01	8.81	18.18	100.00
65	Janesville	Janesville Elec. Co.....	.....	.....	.....	100.00
66	Jefferson	Jefferson Munic. Light Plant.....	87.54	8.83	8.64	100.00
67	Kaukauna	Kaukauna Gas, Elec. Light & Power Co.....	45.41	18.60	85.99	100.00
68	Kenosha	Kenosha Gas & Elec. Co.....	71.08	13.54	15.83	100.00
69	Kewaskum	Kewaskum Elec. Light Co.....	92.34	.....	7.66	100.00
70	Kilbourn	Kilbourn Munic. Elec. Light Plant.....	100.00	.....	.....	100.00
71	La Crosse	La Crosse Gas & Elec. Co.....	71.56	12.59	15.85	100.00
72	Ladysmith	Ladysmith Lighting Co.....	97.28	27.26	45.48	100.00
73	La Farge	La Farge Elec. Co.....	98.50	.....	6.50	100.00
74	Lake Geneva	Equitable Elec. Light Co.....	56.69	30.82	22.49	100.00
75	Lake Mills	Creamery Package Mfg. Co.....	61.20	38.80	.....	100.00
76	Lancaster	Lancaster Elec. Light Co.....	80.66	.....	19.34	100.00
77	Madison	Madison Gas & Elec. Co.....	64.46	19.00	16.54	100.00
78	Manawa	Little Wolf River Lumber Co.....	74.08	7.40	18.52	100.00
79	Manitowoc	Manitowoc Elec. Light Co.....	69.88	14.29	16.83	100.00
80	Marquette	Menominee & Marinette Light & Traction Co.....	58.36	27.09	11.65	100.00
81	Marshfield	Marshfield Water, Elec. Light & Power Co.....	71.33	15.62	13.05	100.00
82	Mauston	Mauston Elec. Service Co.....	.....	.....	.....	100.00
83	Mayville	Northwestern Iron Co.....	100.00	.....	.....	100.00
84	Mazomanie	Mazomanie Munic. Light & Heating Co.....	97.10	1.38	1.97	100.00
85	Medford	Medford Light & Heating Co.....	78.51	17.36	4.13	100.00
86	Mellon	Mellen Water & Light Co.....	.....	.....	.....	100.00

87	Menasha	Menasha Munic. Elec. Light Plant	96.94			100.00	127.99
88	Menominee Falls	Menominee Falls Elec. Light Co.	39.30	27.53	3.06	100.00	88.33
89	Menomonee	Menomonee Elec. Light & Power Co.	30.32	51.18	35.17	100.00	50.43
90	Merrill	Merrill Ry. & Lighting Co.	46.66	31.68	18.50	100.00	48.51
91	Milwaukee	The Milwaukee Elec. Ry. & Light Co.			21.66	100.00	48.32
92	Milwaukee	Milwaukee Light, Heat & Traction Co.	45.55	32.89	21.56	100.00	49.86
93	Milwaukee	Plankinton Elec. Light & Power Co.	86.90	2.90	65.87	100.00	65.87
94	Milwaukee	Railway Exchange Building Co.	72.56	10.24	17.30	100.00	112.10
95	Milwaukee	Wells Power Co.	72.86	13.11	14.06	100.00	80.80
96	Mineral Point	Mineral Point Elec. Light Co.	63.84		36.16	100.00	88.99
97	Mondovi	Mondovi Elec. Light Plant	96.86		3.14	100.00	45.53
98	Monroe	Monroe Elec. Light & Power Co.	61.73	17.79	20.43	100.00	73.96
99	Montello	Montello Granite Co.	90.44	7.35	2.21	100.00	19.37
100	Monticello	Monticello Munic. Elec. Light Plant	70.45	8.00	22.00	100.00	106.40
101	Mt. Horeb	Mt. Horeb Elec. Light Co.	96.39		3.41	100.00	32.34
102	Necedah	Necedah Milling & Elec. Co.	78.96	.27	20.77	100.00	75.56
103	Nellisville	Nellisville Elec. Light & Power Co.				100.00	105.31
104	New Glarus	New Glarus Elec. Light & Power Co.	71.86	27.18	2.86	100.00	88.04
105	New London	New London Elec. Light & Water Works.	70.45	7.50	22.05	100.00	68.36
106	New Richmond	New Richmond Munic. Light & Water Plant	74.74	24.73	.53	100.00	123.24
107	New Richmond	New Richmond Power Co.	98.66	1.34		100.00	90.91
108	North Freedom	North Freedom Elec. Light Co.	94.94		5.16	100.00	117.47
109	North Milwaukee	North Milwaukee Light & Power Co.				100.00	79.13
110	Oconomowoc	Oconomowoc Munic. Light Department	60.58	23.88	10.54	100.00	59.98
111	Oconto	Oconto Elec. Co.	71.96	3.17	24.87	100.00	102.60
112	Oconto	People's Land & Manufacturing Co.	59.18		40.82	100.00	50.97
113	Omaro	Omaro Elec. Light Co.	75.00	1.97	23.04	100.00	75.80
114	Oshkosh	Oshkosh Gas Light Co.	60.96	22.96	16.16	100.00	55.04
115	Pardeeville	Pardeeville Elec. Light Plant	94.50	4.53	.97	100.00	104.19
116	Pardeeville	Park Falls Water, Light & Power Co.	60.23	17.08	13.69	100.00	97.04
117	Plainfield	Starks & Steel				100.00	75.21
118	Platteville	Platteville Elec. Light & Power Co.	71.16	16.67	12.17	100.00	90.43
119	Plymouth	Plymouth Munic. Elec. Light Plant	94.90	3.00	2.10	100.00	39.30
120	Portage	Portage Elec. Light Co.	69.76	8.19	22.05	100.00	71.13
121	Port Washington	Wisconsin Chair Co.	73.21	10.15	16.64	100.00	71.49

TABLE IV.—ELECTRIC PLANTS, 1907.—Concluded.
Ratios of Operating Expenses and Earnings of all Electric Companies.

No.	LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.			Percent- age of operating expenses to operating revenues.
			Generat- ing.	Distri- bution.	General.	Total.
122	Prairie du Chien	Prairie City Elec. Light Co.	71.62	10.08	18.28	100.00
123	Princeton	Princeton Munic. Light Department	40.45	1.54	58.01	100.00
124	Randolph	Randolph Munic. Elec. Light Plant	76.04	21.15	3.81	100.00
125	Rhinelander	Rhinelander Lighting Co.	20.80	24.55	43.88	100.00
126	Rice Lake	Rice Lake Munic. Elec. Light Plant	91.83	8.72	4.95	100.00
127	Richland Center	Richland Center Munic. Elec. Light Plant	86.69	8.49	4.83	100.00
128	Ripon	Ripon Light & Water Co.	67.34	7.59	25.07	100.00
129	River Falls	River Falls Munic. Elec. Light Plant	33.98	26.97	36.07	100.00
130	St. Croix Falls	Minnesota Improvement Co.	46.97	48.53	4.51	100.00
131	Sauk City	Sauk City Munic. Elec. Light Plant	100.00	.....	.....	100.00
132	Seymour	Seymour Elec. Co.	89.80	7.57	3.63	100.00
133	Sheboygan	Sheboygan Light, Power & Ry. Co.	50.55	22.43	27.03	100.00
134	Sheboygan Falls	Falls Light & Power Co.	70.64	9.03	20.33	100.00
135	Shell Lake	Shell Lake Munic. Water & Light Plant .....	.....	.....	.....	100.00
136	Soldiers Grove	Soldiers Grove Elec. Co.	56.92	.....	43.08	100.00
137	Sparta	O. I. Newtons Sons Co.	18.76	16.57	64.67	100.00
138	Spooner	Spooner Munic. Water & Light Plant	46.76	7.37	45.87	100.00
139	Spring Green	Spring Green Munic. Elec. Light Plant	50.00	49.00	1.00	100.00
140	Stanley	Northwestern Lumber Co.	69.00	23.43	17.57	100.00
141	Stevens Point	Stevens Point Lighting Co.	51.80	18.51	30.30	100.00
142	Stoughton	Stoughton Munic. Elec. Light System	60.80	25.14	13.97	100.00
143	Sturgeon Bay	Sturgeon Bay Municipal Elec. Light Plant	57.99	22.11	19.94	100.00
144	Superior	Superior Water, Light & Power Co.	33.03	22.83	12.66	100.00
145	Two Rivers	Two Rivers Munic. Water & Light Plant	64.63	21.03	14.31	100.00
146	Viroqua	Viroqua Elec. Light Co.	77.11	1.96	20.93	100.00
147						102.60
148						45.11
149						106.51
150						73.88
151						131.50
152						61.76
153						71.01
154						66.06
155						13.22
156						77.20
157						71.94
158						39.53
159						107.30
160						76.60
161						74.75
162						52.70
163						54.45
164						213.30
165						46.70
166						61.55
167						67.42
168						77.07
169						54.11
170						31.23
171						91.95

147	Walworth	T. H. Windsor	81.56	13.30	.14	100.00	99.70
148	Washburn	Washburn Elec. Light & Power Co.	86.18	.....	13.82	100.00	70.00
149	Waterford	Waterford Elec. Light Co. ....	.....	.....	.....	100.00	43.83
150	Watertown	Watertown Gas & Elec. Co.	41.73	89.19	89.09	100.00	54.08
151	Waukesha	Waukesha Gas & Elec. Co.	72.45	11.50	10.05	100.00	97.89
152	Waupun	Waupun Munic. Light Plant .....	.....	.....	.....	100.00	74.47
153	Wausau	Wausau Electric Co.	88.08	58.78	13.19	100.00	17.81
154	West Bend	West Bend Heating & Lighting Co.	62.70	21.61	18.69	100.00	79.61
155	Westby	Westby Munic. Light Plant	90.70	4.86	8.04	100.00	74.31
156	Westfield	Westfield Milling & Elec. Light Co.	63.83	38.00	8.07	100.00	58.48
157	West Salem	Neshonoc Light & Power Co.	80.29	10.95	8.76	100.00	44.19
158	Weyauwega	Weyauwega Elec. Light Co.	85.06	.....	14.94	100.00	33.91
159	Whitewater	Whitewater Elec. Light Co.	62.70	21.61	15.69	100.00	79.61
160	Wittenberg	Viking Lumber Co.	23.40	3.94	79.66	100.00	56.73
161	Wycocena	Duck Creek Light & Power Co.	98.76	4.81	1.43	100.00	49.61

TABLE V.—ELECTRIC
Balance Sheet of Plants Operating in

CITY.	NAME.
CORPORATIONS.	
Antigo.....	Antigo Electric Light Co.....
Appleton.....	Wisconsin Traction, Light, Heat & Power Co.....
Ashland.....	Ashland Light, Power & St. Ry. Co.....
Baraboo.....	Baraboo Lighting Co.....
Beaver Dam.....	Beaver Dam Illuminating Co.....
Beloit.....	Beloit Water, Gas & Electric Co.....
Berlin.....	The Berlin Light, Heat & Power Co.....
Chippewa Falls.....	Chippewa Falls Water Works & Lighting Co.....
De Pere.....	De Pere Light & Power Co.....
Eau Claire.....	Chippewa Valley Ry., Light & Power Co.....
Fond du Lac.....	Eastern Wisconsin Ry. Light & Power Co.....
Grand Rapids.....	Grand Rapids Electric & Water Co.....
Green Bay.....	Green Bay Gas & Electric Co.....
Janesville.....	Janesville Electric Co.....
Kaukauna.....	Kaukauna Gas, Electric Light & Power Co.....
Kenosha.....	Kenosha Gas & Electric Co.....
La Crosse.....	La Crosse Gas & Electric Co.....
Madison.....	Madison Gas & Electric Co.....
Manitowoc.....	Manitowoc Electric Light Co.....
Marinette.....	Menominee & Marinette Light & Traction Co.....
Menomonie.....	Menomonie Electric Light & Power Co.....
Merrill.....	Merrill Railway & Lighting Co.....
Milwaukee.....	The Milwaukee Electric Ry. & Light Co.....
Milwaukee.....	Milwaukee Light, Heat & Traction Co.....
Milwaukee.....	Plankinton Electric Light & Power Co.....
Milwaukee.....	Wells Power Co.....
Oconto.....	Oconto Electric Co.....
Oconto.....	Peoples Land & Manufacturing Co.....
Oshkosh.....	Oshkosh Gas, Light Co.....
Portage.....	Portage Electric Light Co.....
Rhineland.....	Rhineland Lighting Co.....
St. Croix Falls.....	Minnesota Improvement Co. ¹
Sheboygan.....	Sheboygan Light, Power & Ry. Co.....
Stevens Point.....	Stevens Point Lighting Co.....
Superior.....	Superior Water, Light & Power Co.....
Washburn.....	Washburn Electric Light & Power Co.....
Watertown.....	Watertown Gas & Electric Co.....
Waukesha.....	Waukesha Gas & Electric Co.....
Wausau.....	Wausau Electric Co.....
Total.....	
MUNICIPALITIES.	
Marshfield.....	Municipal Electric Plant.....
Menasha.....	" " ".....
Sturgeon Bay.....	" " ".....
Two Rivers.....	" " ".....
Total.....	

¹ In operation 11 months.

PLANTS -1907.

Cities of Over 5,000 Population.

ASSETS.						
Property assets.	Investments and securities, etc.	Current and accrued assets.	Miscellaneous	Cash.	Deficit.	Total.
\$11,465 24		\$3,000 00		\$300 00		\$34,765 24
743,661 20	\$10,880 00	19,080 82		16,174 51		789,836 53
93,703 41	2,000 00	25,944 28	\$2,228 80	394 11		130,270 60
46,000 00		1,948 15		1,018 00	\$148,382 85	197,350 00
103,671 23		1,633 16		339 01		105,643 40
393,394 34		10,471 57		1,946 46		405,812 37
162,307 83		15,021 95		455 57	51,243 86	229,029 21
81,523 29		9,564 77				91,088 06
54,200 00		5,757 80		1,549 15		61,507 04
300,000 00		3,192 76		1,248 30		304,441 06
379,294 44		31,262 08		6,773 29		417,240 71
24,204 41		6,849 09		34 02	3,203 06	34,291 47
527,030 06	1,538 70	12,049 43			16,111 22	556,729 52
477,113 96		9,000 43		1,937 08		488,161 46
88,163 90	820 26	5,305 84		389 04	72,814 10	167,585 14
203,958 00		12,091 41		858 60		217,508 91
1,087,891 47		44,844 87		1,154 41		1,113,890 75
674,268 12	10,302 00	40,331 32	\$3,506 05	1,903 25		723,478 64
85,675 40		4,332 00		532 01		90,540 10
103,673 52		8,747 45		1,300 00		113,720 97
34,476 04		5,084 19		10,256 57		49,777 70
124,637 72	911 84	17,080 18		926 08		144,464 81
5,045,440 35	770,000 00	487,213 29		9,165 14		6,311,818 76
1,030,427 86	2,249,800 50	22,523 41				3,302,841 77
264,781 24		25,040 05		11,372 42		301,193 71
198,880 47		10,657 81		255 30		218,782 58
37,206 84		904 30		74 85		38,186 08
54,702 73		8,564 71		216 00		63,483 44
1,115,580 19	5,650 00	19,150 10		2,240 54		1,142,630 40
25,000 00		1,550 00		150 00		26,700 00
90,118 67		7,785 81		286 38		98,190 66
1,615,578 22		209,008 40		646 79		1,916,133 41
436,298 13		13,224 58		729 28	2,819 86	473,068 85
153,737 20		6,358 70		56 35	15,524 37	175,676 62
758,426 93	91,842 42	14,631 83	1,541 85	503 26		870,006 29
20,000 00		420 00		1,500 00		21,920 00
238,035 48	50,000 00	6,910 11		645 70		295,591 29
98,058 33		8,551 56			19,805 95	127,015 84
136,434 02	57,101 26	64,819 81		506 32		258,861 41
\$17,145,513 03	\$3,254,036 72	\$1,302,410 69	\$264 60	\$78,004 79	\$329,905 26	\$22,110,135 09
\$112,806 24		\$2,081 85		\$699 90		\$115,588 08
18,032 50						18,032 50
21,648 00		5,768 16		2,211 84		29,628 00
15,466 21		1,152 60		1,337 64		17,956 54
\$167,953 94		\$9,002 70		\$4,249 47		\$181,206 11

² Deduction—special expense.

TABLE V.—ELECTRIC
Balance Sheet of Plants Operating In

CITY.	NAME.
CORPORATIONS.	
Antigo.....	Antigo Electric Light Co.....
Appleton.....	Wisconsin Traction, Heat, Light & Power Co.....
Ashland.....	Ashland Light, Power & St. Ry. Co.....
Baraboo.....	Baraboo Lighting Co.....
Beaver Dam.....	Beaver Dam Illuminating Co.....
Beloit.....	Beloit Water, Gas & Electric Co.....
Berlin.....	The Berlin Light, Heat & Power Co.....
Chippewa Falls.....	Chippewa Falls Water Works & Lighting Co.....
De Pere.....	De Pere Light & Power Co.....
Eau Claire.....	Chippewa Valley Ry., Light & Power Co.....
Fond du Lac.....	Eastern Wisconsin Ry. Light & Power Co.....
Grand Rapids.....	Grand Rapids Electric & Water Co.....
Green Bay.....	Green Bay Gas & Electric Co.....
Janesville.....	Janesville Electric Co.....
Kaukauna.....	Kaukauna Gas, Electric Light & Power Co.....
Kenosha.....	Kenosha Gas & Electric Co.....
La Crosse.....	La Crosse Gas & Electric Co.....
Madison.....	Madison Gas & Electric Co.....
Manitowoc.....	Manitowoc Electric Light Co.....
Marinette.....	Menominee & Marinette Light & Traction Co.....
Menomonie.....	Menomonie Electric Light & Power Co.....
Merrill.....	Merrill Railway & Lighting Co.....
Milwaukee.....	The Milwaukee Electric Ry. & Light Co.....
Milwaukee.....	Milwaukee Light, Heat & Traction Co.....
Milwaukee.....	Plankinton Electric Light & Power Co.....
Milwaukee.....	Wells Power Co.....
Oconto.....	Oconto Electric Co.....
Oconto.....	People's Land & Manufacturing Co.....
Oshkosh.....	Oshkosh Gas Light Co.....
Portage.....	Portage Electric Light Co.....
Rhineland.....	Rhineland Lighting Co.....
St. Croix Falls.....	Minnesota Improvement Co. ¹
Sheboygan.....	Sheboygan Light, Power & Ry. Co.....
Stevens Point.....	Stevens Point Lighting Co.....
Superior.....	Superior Water, Light & Power Co.....
Washburn.....	Washburn Electric Light & Power Co.....
Watertown.....	Watertown Gas & Electric Co.....
Waukesha.....	Waukesha Gas & Electric Co.....
Wausau.....	Wausau Electric Co.....
Total.....	
MUNICIPALITIES.	
Marshfield.....	Municipal Electric Plant.....
Menasha.....	" " ".....
Sturgeon Bay.....	" " ".....
Two Rivers.....	" " ".....
Total.....	

¹ In operation 11 months.

REPORT OF THE RAILROAD COMMISSION.

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PLANTS, 1907—Continued.

Cities of Over 5,000 Population.

LIABILITIES.						
Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
.....	\$16,000 00	\$13,320 00	.....	.....	\$5,445 24	\$34,765 24
\$340,000 00	361,896 00	18,591 44	\$10,016 54	.....	50,332 55	789,836 53
66,666 00	43,333 00	7,097 48	7,779 67	.....	5,364 45	130,270 60
100,000 00	97,000 00	350 00	.....	.....	.....	197,350 00
50,000 90	36,000 00	17,016 63	.....	.....	2,626 77	105,643 40
150,000 00	175,000 00	73,855 94	.....	.....	6,056 43	405,812 37
100,000 00	115,000 00	14,929 21	.....	.....	.....	229,929 21
35,000 00	50,000 00	4,901 02	.....	.....	1,167 04	91,068 06
50,000 00	.....	71 33	.....	.....	11,435 71	61,507 04
171,000 00	123,500 00	4,360 69	.....	.....	5,580 37	304,441 06
100,000 00	260,000 00	20,117 14	31,533 05	.....	5,580 52	417,240 71
15,512 00	.....	18,779 47	.....	.....	.....	34,291 47
270,000 00	225,450 00	61,279 52	.....	.....	.....	556,729 52
96,000 00	150,000 00	20,062 07	.....	.....	222,120 39	488,161 46
51,000 00	105,000 00	11,585 14	.....	.....	.....	167,585 14
96,000 00	96,000 00	10,964 07	2,502 12	.....	6,022 72	217,506 91
372,000 00	620,000 00	99,528 87	14,880 00	.....	7,481 88	1,113,890 75
207,840 00	259,800 00	200,734 94	65 00	.....	55,038 70	723,478 64
75,000 00	.....	7,500 00	.....	.....	8,040 10	90,540 10
80,350 00	27,750 00	3,228 26	.....	.....	2,362 71	113,720 97
40,000 00	.....	1,134 63	.....	.....	8,643 07	49,777 70
62,000 00	45,000 00	12,240 00	3,200 00	.....	22,024 81	144,464 81
2,700,000 00	2,700,000 00	394,891 49	409,762 66	.....	107,164 61	6,311,818 76
1,500,000 00	1,500,000 00	201,720 66	20,624 03	.....	80,497 08	3,302,841 77
50,000 00	200,000 00	48,003 33	.....	.....	3,190 38	301,193 71
64,000 00	.....	149,693 40	.....	.....	5,069 18	218,762 58
5,000 00	.....	31,953 15	.....	.....	1,232 93	38,186 08
50,000 00	.....	4,865 00	.....	.....	8,568 44	63,433 44
537,100 00	590,810 00	13,221 67	.....	.....	1,498 82	1,142,630 40
8,500 00	.....	450 00	.....	.....	17,750 00	26,700 00
.....	.....	11,432 50	.....	.....	86,758 36	98,190 86
500,000 00	1,400,000 00	16,133 41	.....	.....	.....	1,916,133 41
120,000 00	300,000 00	53,068 85	.....	.....	.....	473,068 85
60,000 00	75,000 00	40,676 62	.....	.....	.....	175,676 62
277,600 00	513,560 00	37,358 74	31,785 20	\$493 91	9,208 44	870,006 29
20,000 00	.....	.....	.....	.....	1,920 00	21,920 00
100,000 00	150,000 00	26,965 67	1,413 06	.....	17,212 56	285,591 29
35,000 00	80,000 00	12,015 84	.....	.....	.....	127,015 84
150,000 00	.....	78,000 00	.....	.....	30,861 41	258,861 41
\$9,708,568 00	\$10,319,099 00	\$1,742,108 18	\$333,561 33	\$493 91	\$96,304 67	\$22,110,135 09
.....	\$105,450 00	\$274 10	.....	.....	\$9,863 98	\$115,588 08
.....	13,312 00	.....	.....	.....	4,720 50	18,032 50
.....	11,000 00	.....	.....	.....	20,628 00	29,628 00
.....	.....	.....	.....	.....	6,956 54	17,956 54
.....	\$129,762 00	\$274 10	.....	.....	\$51,170 01	\$181,206 11

²Includes \$40,000 receivers' certificates.

TABLE VI—ELECTRIC
Balance Sheet of Companies Operating in

MUNICIPALITY.	NAME OF COMPANY.	As-	
		Capital assets.	Current and accrued assets and cash.
Albany	Albany Electric Light & Milling Co. ¹	\$4,700 00	.....
Alma	Alma Electric Light Co.	4,200 00	\$233 82
Amery	Amery Electric Co.	6,550 00	338 36
Amherst	B. E. Dwinell & Co. ¹	8,000 00	8,000 00
Athens	Athens Electric Light & Power Co.	22,430 76	1,818 32
Augusta	J. L. Ball Electric Light Plant	12,800 00	758 75
Baldwin	Baldwin Electric Light & Fuel Co.	8,100 00	540 39
Bangor	Hussa Bros. ¹	70,000 00	3,180 25
Belleville	Belleville Mills & Electric Light Co. ¹	1,200 00	.....
Birnamwood	Birnamwood Electric Light Plant. ¹	12,000 00	.....
Bloomer	Martin Rasmus ¹	30,694 00	.....
Boyd	Chas. Shong & Sons. ¹	3,000 00	435 00
Brodhead	Brodhead Electric Co.	15,000 00	.....
Burlington	Burlington Electric Light & Power Plant	45,349 80	2,104 89
Cashton	Cashton Milling Co. ¹	10,250 00	.....
Chetek	Chetek Light and Power Co.	10,062 75	107 60
Colfax	Colfax Mill & Power Plant. ¹	15,400 00	4,400 00
Darlington	Darlington Electric Light & Power Co.	25,500 00	5,500 00
Dodgeville	Dodgeville Electric Light & Power Co.	15,000 00	.....
Durand	Durand Light & Power Co.	28,911 21	20,040 60
Edgerton	Edgerton Electric Light Co.	21,665 96	2,280 26
Elkhart Lake	Milwaukee & Fox River Valley Ry. Co.	31,000 00	523 50
Ellsworth	Ellsworth Heat, Light & Power Co.	45,192 25	2,345 57
Fountain City	Fountain City Light & Power Plant	4,263 70	435 34
Frederick	Dahlberg Bros. ¹	5,500 00	100 00
Galesville	Davis Mill Co. ¹	13,000 00	150 00
Guys Mills	Atwood & Haggerty ¹	2,030 00	58 00
Glenwood	Glenwood & Downing Light & Power Co.	9,400 00	226 51
Hartford	Hartford Electric Co.	4,322 83	6,254 47
Hudson	Burkhardt Milling Electric Lt. & Power Co. ¹	85,000 00	2,040 02
Iola	Frogner Bros. & Sons ¹	2,600 00	.....
Iron River	Iron River Water, Light & Power Co. ² .....	.....	.....
Kewaskum	Kewaskum Electric Light Co. ¹	4,000 00	1,150 00
Ladysmith	Ladysmith Lighting Co.	20,292 35	3,075 52
La Farge	La Farge Electric Co.	6,345 58	296 19
Lake Geneva	Equitable Electric Light Co.	31,887 19	4,891 05
Lake Mills	Creamery Package Mfr. Co. ¹	11,480 00	900 00
Lancaster	Lancaster Electric Light Co.	30,000 00	320 06
Manawa	Little Wolf River Lumber Co. ¹	4,348 00	.....
Mauston	Mauston Electric Service Co.	25,219 37	3,804 20
Mayville	The Northwestern Iron Co. ¹	15,000 00	.....
Medford	Medford Light & Heating Co.	24,867 58	.....
Mellen	Mellen Water & Light Co. ¹	37,231 43	2,241 06
Menomonee Falls	Menomonee Falls Electric Light Co.	14,225 00	1,164 74
Milwaukee	Railway Exchange Building Co. ¹	24,402 00	650 00
Mineral Point	Mineral Point Electric Light Co. ¹	67,952 92	2,250 00
Mondovi	Mondovi Electric Light Plant	7,500 00	.....
Monroe	Monroe Electric Light & Power Co.	42,200 00	972 24
Montello	Montello Granite Co. ¹	2,500 00	700 00
Mt. Horeb	Mt. Horeb Electric Light Co.	8,000 00	.....

¹ Company principally engaged in a manufacturing business. Electric service an auxiliary product.

PLANTS—1907.

Municipalities of Less Than 5,000 Population.

SETS.			LIABILITIES.			
Deficit.	Total.	Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
	\$4,433 82	\$4,100 00			\$333 82	\$4,433 82
	6,888 36	3,000 00		\$3,888 36		6,888 36
	16,000 00		\$6,000 00	225 00	9,775 00	16,000 00
	24,249 08	12,500 00	10,000 00	1 43	1,747 05	24,249 08
	13,558 75	12,800 00		390 81	367 94	13,558 75
	8,640 39	8,100 00		213 83	326 56	8,640 39
	73,180 25	49,000 00		7,967 50	16,212 75	73,180 25
	3,435 00			65 00	3,370 00	3,435 00
	15,000 00			6,500 00	8,500 00	15,000 00
\$2,545 31	50,000 00	50,000 00				50,000 00
	10,170 35			2,029 83	8,140 52	10,170 35
	19,800 00			2,300 00	17,500 00	19,800 00
	31,000 00	20,000 00		11,000 00		31,000 00
	48,951 90	35,000 00		5,670 85	8,281 05	48,951 90
	23,946 25	10,000 00		6,801 21	1,145 04	23,946 25
	31,523 50	7,500 00		23,542 50	481 00	31,523 50
	47,537 82	25,000 00	20,000 00	1,786 38	751 44	47,537 82
2,297 96	7,000 00		7,000 00			7,000 00
	5,600 00			2,000 00	3,600 00	5,600 00
2,150 00	15,300 00	12,000 00		3,300 00		15,300 00
	2,088 00			300 00	1,788 00	2,088 00
5,373 49	15,000 00	15,000 00				15,000 00
	10,577 30	4,100 00		1,378 56	5,038 05	10,577 30
	87,040 02	50,000 00		4,225 00	32,815 02	87,040 02
	5,150 00	4,000 00		650 00	500 00	5,150 00
145 03	23,512 90	15,200 00		8,312 90		23,512 90
	6,641 77	6,000 00		70 00	571 77	6,641 77
	36,778 24	9,000 00			27,778 24	36,778 24
	12,080 00	11,480 00		200 00	400 00	12,080 00
9,679 94	40,000 00	30,000 00		10,000 00		40,000 00
13,870 34	42,900 00	34,300 00		8,600 00		42,900 00
	24,867 58	20,000 00		2,190 31	2,677 27	24,867 58
	39,473 00	15,000 00		19,379 54	5,093 55	39,473 00
	15,389 74		6,500 00	8,124 91	794 83	15,389 74
	25,002 00	15,000 00		200 00	9,802 00	25,002 00
	70,202 92	35,000 00	12,000 00	15,100 00	8,102 92	70,202 92
	7,500 00	6,881 00		619 00		7,500 00
	43,172 23	12,000 00		6,519 50	24,652 73	43,172 23
	3,200 00			250 00	2,950 00	3,200 00
2,060 00	10,060 00	10,000 00		60 00		10,060 00

² Company reports a combined plant value of \$61,300 to cover its electric, water and telephone properties.

TABLE VI.- ELECTRIC
Balance sheet of Companies Operating In

MUNICIPALITY.	NAME OF COMPANY.	As-	
		Capital assets.	Current and accrued assets and cash.
Necedah.....	Necedah Milling & Electric Co. ¹	\$12,550 00	\$1,450 00
Neillsville.....	Neillsville Electric & Water Supply Co.....	12,280 33	2,538 31
New Richmond...	New Richmond Power Co. ²	2,500 00	233 46
North Freedom...	North Freedom Electric Light Co.....	6,000 00	130 00
North Milwaukee	North Milwaukee Light & Power Co.....	12,372 78	475 94
Omro.....	Omro Electric Light Co.....	10,025 00	646 02
Pardeeville.....	Pardeeville Electric Light Plant.....	12,552 00	1,481 08
Park Falls.....	Park Falls Water, Light & Power Co.....	6,543 18	1,743 17
Plainfield.....	Starks & Skeel ¹	8,000 00	.....
Platteville.....	Platteville Electric Light & Power Co.....	42,550 00	5,610 84
Prairie du Chien.	Prairie City Electric Co.....	23,613 00	1,781 98
Ripon.....	Ripon Light & Water Co.....	24,151 75	4,308 08
Seymour.....	Seymour Electric Co.....	8,500 00	825 00
Sheboygan Falls.	Falls Light & Power Co.....	10,465 85	718 57
Soldiers Grove...	Soldiers Grove Electric Co.....	3,850 00	1,425 35
Sparta.....	O. I. Newton Sons Co. ¹	134,044 00	5,069 60
Stanley.....	Northwestern Lumber Co. ¹	5,000 00	.....
Viroqua.....	Viroqua Electric Light Co.....	17,500 00	1,165 78
Watworth.....	T. H. Windsor.....	5,918 83	1,057 71
Waterford.....	Waterford Electric Light Co. ¹	7,000 00	.....
West Bend.....	West Bend Heating & Lighting Co. ¹	25,000 00	100 00
Westfield.....	Westfield Milling & Electric Light Co. ¹	6,500 00	615 00
West Salem...	Neshonoc Light & Power Co. ¹	28,000 00	.....
Weyauwega.....	Weyauwega Electric Light Co.....	20,000 00	73 48
Whitewater.....	Whitewater Electric Light Co.....	50,947 03	3,985 08
Wittenberg.....	Viking Lumber Co. ¹	18,084 98	400 00
Wyocena.....	Duck Creek Light & Power Co.....	12,300 00	294 37
Total.....		\$1,485,790 32	\$120,167 10

¹ Company principally engaged in manufacturing business. Electric service an auxiliary product.

² In operation only six months.

PLANTS, 1907—Continued.

Municipalities of Less Than 5,000 Population.

SETS.		LIABILITIES.				
Deficit.	Total.	Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
	\$14,000 00				\$14,000 00	\$14,000 00
	14,798 84	\$6,000 00		\$3,636 05	\$5,162 79	14,798 84
	2,733 46	2,500 00			233 46	2,733 46
	6,130 00			1,000 00	5,130 00	6,130 00
	12,848 72	12,000 00			848 72	12,848 72
\$1,538 88	12,209 90	10,000 00		2,209 90		12,209 90
	14,033 70	10,000 00		4,033 70		14,033 70
	8,286 35	1,000 00		7,286 35		8,286 35
	48,160 84	27,000 00	\$6,000 00	4,792 41	10,368 43	48,160 84
	25,395 94	14,475 00		10,920 94		25,395 94
	28,549 83	15,518 58		8,536 25	8,035 00	28,549 83
	9,325 00				9,325 00	9,325 00
	11,174 53	8,000 00		3,174 53		11,174 53
	5,275 55				5,275 55	5,275 55
	139,144 59	50,000 00	40,000 00	8,207 16	40,937 43	139,144 59
	18,665 78	17,500 00			1,165 78	18,665 78
	6,976 54			718 60	6,257 85	6,976 54
	25,100 00	25,000 00			100 00	25,100 00
	7,115 00	4,000 00			3,115 00	7,115 00
	20,073 48	20,000 00			73 48	20,073 48
	63,332 71	60,000 00		1,970 54	1,362 17	63,332 71
	19,084 98	14,500 00		2,302 09	2,282 89	19,084 98
	12,584 37		3,000 00	276 55	9,307 82	12,584 37
\$39,680 95	\$1,501,851 37	\$845,514 67	\$110,500 00	\$222,927 58	\$322,909 12	\$1,501,851 37

² Total includes \$143,782.00 "plant value" of companies which have failed to report completed balance sheets.

TABLE VI.—ELECTRIC
Balance sheet of Companies Operating in

MUNICIPALITY.	NAME OF COMPANY.	As—	
		Capital assets.	Current and accrued assets and cash.
Necedah.....	Necedah Milling & Electric Co. ¹	\$12,550 00	\$1,450 00
Nellisville.....	Nellisville Electric & Water Supply Co.....	12,280 53	2,538 31
New Richmond.....	New Richmond Power Co. ²	2,500 00	233 46
North Freedom.....	North Freedom Electric Light Co.....	6,000 00	130 00
North Milwaukee.....	North Milwaukee Light & Power Co.....	12,372 78	475 94
Omro.....	Omro Electric Light Co.....	10,025 00	646 02
Pardeeville.....	Pardeeville Electric Light Plant.....	12,552 00	1,481 08
Park Falls.....	Park Falls Water, Light & Power Co.....	6,543 10	1,743 17
Plainfield.....	Starks & Skeel.....	8,000 00	.....
Platteville.....	Platteville Electric Light & Power Co.....	42,550 00	5,610 84
Prairie du Chien.....	Prairie City Electric Co.....	23,613 96	1,781 98
Ripon.....	Ripon Light & Water Co.....	24,151 75	4,398 08
Seymour.....	Seymour Electric Co.....	8,500 00	825 00
Sheboygan Falls.....	Falls Light & Power Co.....	10,445 93	718 57
Soldiers Grove.....	Soldiers Grove Electric Co.....	3,850 00	1,425 55
Sparta.....	O. J. Newton Sons Co. ¹	134,044 99	5,069 60
Stanley.....	Northwestern Lumber Co. ¹	5,000 00	.....
Viroqua.....	Viroqua Electric Light Co.....	17,500 00	1,165 78
Walworth.....	T. H. Windsor.....	5,918 83	1,057 71
Waterford.....	Waterford Electric Light Co. ¹	7,000 00	.....
West Bend.....	West Bend Heating & Lighting Co. ¹	25,000 00	100 00
Westfield.....	Westfield Milling & Electric Light Co. ¹	6,500 00	615 00
West Salem.....	Neshonoc Light & Power Co. ¹	28,000 00	.....
Weyauwega.....	Weyauwega Electric Light Co.....	20,000 00	73 48
Whitewater.....	Whitewater Electric Light Co.....	50,347 03	3,985 68
Wittenberg.....	Viking Lumber Co. ¹	18,084 98	400 00
Wyocena.....	Duck Creek Light & Power Co.....	12,300 00	284 37
Total.....		\$1,485,790 32	\$120,167 10

¹ Company principally engaged in manufacturing business. Electric service an auxiliary product.

² In operation only six months.

PLANTS, 1907 -Continued.

Municipalities of Less Than 5,000 Population.

SETS.		LIABILITIES.				
Deficit.	Total.	Capital stock.	Bonds.	Current and accrued liabilities.	Surplus.	Total.
	\$14,000 00				\$14,000 00	\$14,000 00
	14,798 84	\$6,000 00		\$3,636 05	\$5,162 79	14,798 84
	2,733 46	2,500 00			233 46	2,733 46
	6,130 00			1,000 00	5,130 00	6,130 00
	12,848 72	12,000 00			848 72	12,848 72
\$1,538 88	12,209 90	10,000 00		2,209 90		12,209 90
	14,033 70	10,000 00		4,033 70		14,033 70
	8,286 35	1,000 00		7,286 35		8,286 35
	48,160 84	27,000 00	\$6,000 00	4,732 41	10,368 43	48,160 84
	25,395 94	14,475 00		10,920 94		25,395 94
	28,549 83	15,518 58		8,536 25	8,095 00	28,549 83
	9,325 00				9,325 00	9,325 00
	11,174 53	8,000 00		3,174 53		11,174 53
	5,275 55				5,275 55	5,275 55
	139,144 59	50,000 00	40,000 00	8,207 16	40,937 43	139,144 59
	18,665 78	17,500 00			1,165 78	18,665 78
	6,976 54			718 69	6,257 85	6,976 54
	25,100 00	25,000 00			100 00	25,100 00
	7,115 00	4,000 00			3,115 00	7,115 00
	20,073 48	20,000 00			73 48	20,073 48
	63,332 71	60,000 00		1,970 54	1,362 17	63,332 71
	19,084 98	14,500 00		2,302 09	2,282 89	19,084 98
	12,584 37		3,000 00	276 55	9,307 82	12,584 37
\$39,666 95	\$1,501,851 37	\$845,514 67	\$110,500 00	\$222,927 58	\$322,909 12	\$1,501,851 37

* Total includes \$143,782.00 "plant value" of companies which have failed to report completed balance sheets.

TABLE VII.—ELEC
Balance Sheet of Municipal Plants Operating In

MUNICIPALITY.	ASSETS.			
	Plant value first of year.	Construc- tion during year.	Current as- sets and cash	Total.
Algoma ¹	\$22,500 00	\$45 08	\$1,157 17	\$23,703 15
Arcadia ¹	14,825 98	98 70	1,451 05	16,374 03
Barron.....	10,050 00	433 73	3,583 77	14,067 50
Bayfield ¹	5,000 00	350 00	7,133 78	12,483 78
Black River Falls ¹	8,212 13	255 30	2,307 46	10,834 98
Blair.....	7,000 00			7,000 00
Boscobel.....	15,000 00	200 00		15,200 00
Cedarburg.....	30,000 00			30,000 00
Clintonville.....	20,820 91	407 01	4,210 47	25,438 39
Columbus ¹	21,402 54	814 11	301 01	22,518 26
Cuba City ¹	6,000 00			6,000 00
Cumberland ¹	20,000 00			20,000 00
Elkhorn ^{1,2}	15,000 00		5,258 52	20,258 52
Elroy ¹	35,000 00		600 00	35,600 00
Evansville ¹	11,000 00	385 87	4,292 08	15,678 55
Fennimore ¹	6,000 00			6,000 00
Ft. Atkinson ¹	28,200 32		1,899 96	30,100 28
Grantsburg.....	11,000 00		2,720 69	13,720 69
Independence.....	12,000 00			12,000 00
Jefferson ¹	33,505 00	185 00	1,151 02	34,841 02
Kilbourn.....	10,344 56	820 29		11,164 85
Mazomanie ¹	2,000 00			2,000 00
Montello.....	14,000 00	700 00	495 00	15,195 00
New Glarus.....	22,000 00			22,000 00
New London ¹	20,509 47	511 63	2,608 07	23,718 17
New Richmond ¹	19,000 00	1,000 00	200 00	20,200 00
Oconomowoc ¹	47,641 19	954 38	10,192 59	58,788 16
Plymouth ¹	44,405 68	6,077 96		50,483 64
Port Washington ¹	22,500 00	1,200 00	300 00	24,000 00
Princeton.....	12,246 13	426 00	1,124 00	13,796 13
Randolph.....	11,689 90		2,005 79	13,705 69
Rice Lake ¹	13,595 76	4,516 00	2,828 58	20,938 14
Richland Center ¹	29,923 87	942 50	9,755 15	40,621 58
River Falls ¹	40,000 00		1,514 49	41,514 49
Sauk City.....	11,000 00			11,000 00
Shell Lake ¹	10,000 00			10,000 00
Spooner ¹	6,000 00	416 05	4,749 04	11,165 09
Spring Green.....	6,000 00			6,000 00
Stoughton ¹	34,289 99	7,311 94	1,567 61	43,169 54
Waupun ¹	19,145 27	1,322 22	1,187 22	21,654 71
Westby ¹	8,000 00		1,239 35	9,239 35
Total.....	\$738,165 70	\$29,303 42	\$75,956 37	\$843,515 49

¹ Municipality also furnishes water service.

² Report covers period of fifteen months.

TRIC PLANTS, 1907.

Municipalities of Less Than 5,000 Population.

LIABILITIES.			
Bonds.	Current liabilities.	City equity.	Total.
\$20,000 00	\$1,912 91	\$1,700 24	\$23,703 15
3,999 00		16,374 63	16,374 63
4,000 00	1,387 05	10,718 44	14,687 50
7,000 00	880 78	6,896 73	12,483 78
		2,954 20	10,834 98
		7,000 00	7,000 00
6,500 00		8,700 00	15,200 00
6,800 00		23,200 00	30,000 00
10,000 00	410 15	15,028 24	25,438 39
2,000 00		20,638 26	22,638 26
		6,000 00	6,000 00
		20,000 00	20,000 00
	1,966 00	18,292 52	20,258 52
10,000 00	6,000 00	19,600 00	35,600 00
11,000 00	4,118 70	556 85	15,678 55
		6,000 00	6,000 00
	1,952 95	28,147 33	30,100 28
8,000 00		5,720 60	13,720 60
18,000 00	602 00	12,000 00	12,000 00
		16,239 62	34,841 62
5,000 00		6,164 85	11,164 85
600 00		2,000 00	2,600 00
8,500 00	250 00	6,445 00	15,195 00
14,000 00		8,000 00	22,000 00
10,000 00	868 38	12,840 70	23,718 17
		20,200 00	20,200 00
20,000 00		38,788 16	58,788 16
28,401 63		21,002 01	50,483 64
22,500 00		1,500 00	24,000 00
9,000 00	212 00	4,584 13	13,796 13
9,500 00	2,000 00	2,205 60	13,705 60
	2,622 75	18,255 30	20,878 14
16,000 00		24,621 58	40,621 58
17,500 00	279 11	23,735 38	41,514 49
8,000 00		3,000 00	11,000 00
9,000 00		1,000 00	10,000 00
	4,749 04	6,416 65	11,165 69
6,000 00			6,000 00
22,500 00		20,669 54	43,169 54
6,000 00		15,654 71	21,654 71
2,000 00	278 93	6,900 42	9,230 35
\$321,860 69	\$30,750 75	\$490,904 05	\$843,515 49

* Municipal plant operated on a two year lease by The Wisconsin Chair Co.

67—R. R.

TABLE VIII.—ELECTRIC PLANTS, 1907.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.						Power purchased (Re-ported in H. P.)	ELECTRIC GENERATORS.	Maxi-mum demand on station or peak load K. W.
				Water wheels.		Steam engines.		Gas engines.				
		No.	Total H. P.	No.	Total H. P.	No.	Total H. P.	No.	Total H. P.		No.		Total K. W. capac-ity.
Albany.....	Albany Elec. Light & Milling Co.....	2	180	2	70	1	34	104	1	25	30	
Algoma.....	Algoma City Water & Light Plant.....	1	70	1	150	150	1	75	50	32		
Alma.....	Alma Elec. Light Plant.....	1	70	1	65	65	2	40	36			
Amery.....	Amery Electric Co.....	1	62	40	40	82	1	60	30			
Amherst.....	B. E. Dwindell & Co.....	4	40									
Antigo.....	Antigo Elec. Light Co.....	3	210			2	480	480	4	310	220	
Appleton.....	Wis. Trac. Light & Power Co.....	4	1,200	16	2,550	2	2,000	4,550	2	1,000	700	
Arcadia.....	Arcadia Elec. Light & Power Plant.....	2	180			1	125	125	1	75	70	
Ashland.....	Ashland Light, Power & St. Ry. Co.....	4	500			2	300	300	6	315	231	
Athens.....	Athens Elec. Light & Power Co.....	1	50			1	50	50	1	35	40	
Augusta.....	J. L. Ball Elec. Light Plant.....	1	100			2	200	200	2	140	63	
Baldwin.....	Baldwin Elec. Lt. & Fuel Co.....	1	85			1	75	75	1	50	50	
Bangor.....	Hussa Bros. Light & Power Plant.....	2	200			2	75	75	2	38	27	
Baraboo.....	Baraboo Lighting Co.....	2	200			2	300	300	3	128	107	
Barron.....	Barron Munic. Light Plant.....	1	164	1	164			164	1	90	66	
Bayfield.....	Bayfield Munic. Light Plant.....	2	250			2	250	250	2	225	100	
Beaver Dam.....	Beaver Dam Illuminating Co.....	3	450			3	410	410	3	253	142	
Belleville.....	Belleville Mills & Elec. Light Plant.....	1	80	1	80			80	1	14	16	
Beloit.....	Beloit Water, Gas & Elec. Co.....	3	950	2	254	3	750	1,004	3	900	480	
Berlin.....	Berlin Lighting, Heating & Power Co.....	3	550			2	700	700	2	580	545	
Birmingham.....	Birmingham Elec. Light Plant.....	3	240			1	150	150	1	55	40	
Black River Falls.....	B. R. Falls Munic. Elec. Plant.....	1	158	1	158			158	2	20	20	
Blair.....	Blair Elec. Light & Pumping Sta.....	1	85			1	100	100	1	60	48	
Bloomer.....	Martin Rasmus, Elec. Light Plant.....	1	82	1	82			82	1	45	45	
Boscobel.....	Boscobel Elec. Light & Power Co.....	2	200			1	140	140	1	100	83	

Boyd.....	Chas. Shong & Son.....	1	100	.....	1	65	.....	65	.....	1	37 1/2	26
Broadhead.....	Brothead Elec. Co.....	.....	.....	.....	.....	.....	.....	200	.....	5	140	100
Burlington.....	Burlington Elec. Light & Power Co.....	2	200	120	1	110	.....	200	.....	2	200	125
Cashion.....	Cashion Milling Co.....	1	100	.....	.....	86	.....	96	.....	1	75	40
Cedarburg.....	Cedarburg Elec. Light Plant.....	2	200	.....	2	200	.....	200	.....	2	92	92
Chetek.....	Chetek Light & Power Co.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chippewa Falls.....	Chipp. Falls W. Wks. & Lighting Co.....	.....	.....	.....	.....	.....	.....	75	.....	1	60	44
Clintonville.....	Clintonville Elec. Light Plant.....	2	200	858	2	225	.....	958	.....	9	540	318
Colfax.....	Colfax Mills & Power Plant.....	1	30	85	2	25	.....	225	.....	2	110	80
Columbus.....	Columbus Water Wks. & Lighting Plant.....	2	180	.....	2	225	.....	110	.....	1	150	40
Cuba City.....	Cuba City Elec. Light Plant.....	1	100	.....	1	85	.....	225	.....	2	140	100
Cumberland.....	Cumberland Mfg. Light Plant.....	.....	.....	.....	.....	.....	.....	85	.....	1	75	20
Darlington.....	Darlington Elec. Light & Water Co.....	1	150	80	1	150	.....	100	.....	2	.....	100
De Pere.....	De Pere Elec. Light & Power Co.....	2	140	180	1	150	.....	230	.....	3	140	80
Dodgeville.....	Dodgeville Elec. Light & Power Co.....	2	140	.....	1	150	.....	180	.....	2	230	135
Durand.....	Durand Light & Power Co.....	.....	.....	608	.....	.....	.....	150	.....	2	85	60
Eau Claire.....	Chippewa Valley Ry. Light & Power Co.....	4	400	2,200	1	400	.....	608	.....	2	350	180
Edgerton.....	Edgerton Elec. Light Co.....	.....	.....	150	.....	.....	.....	4,000	.....	2	1,200	750
Elkhart Lake.....	Elkhart Lake Light & Power Co.....	.....	.....	.....	.....	.....	.....	150	.....	3	95	61
Elkhorn.....	Elkhorn Light & Power Co.....	3	350	.....	2	380	2	180	.....	2	130	64
Ellsworth.....	Ellsworth Heat, Light & Power Co.....	1	100	157	1	100	.....	380	.....	3	194	98
Elroy.....	Elroy Mfg. Light & W. Wks. Plant.....	2	230	.....	2	175	.....	257	.....	3	180	128
Evansville.....	Evansville Water & Light Dept.....	2	200	.....	2	190	.....	175	.....	2	150	60
Fennimore.....	Fennimore Mfg. Elec. Light Plant.....	2	200	.....	1	95	.....	190	.....	2	82	70
Fond du Lac.....	Eastern Ws. Ry. & Light Co.....	4	1,750	.....	3	2,250	.....	95	.....	2	100	37
Ft. Atkinson.....	Ft. Atkinson Light & Water Dept.....	2	290	.....	2	320	.....	2,250	.....	9	1,045	751
Fountain City.....	Fountain City Light & Power Co.....	1	80	.....	1	80	.....	320	.....	2	200	100
Frederick.....	Dalhousie Bros.....	.....	.....	.....	.....	.....	.....	123,241	.....	.....	.....	.....
Galesville.....	Davis Mill Co.....	2	140	.....	.....	.....	.....	80	.....	1	35	30
Gays Mills.....	Atwood & Hagerly.....	1	80	.....	.....	.....	.....	140	.....	.....	.....	.....
Glenwood.....	Glen & Downing Light & Power Co.....	1	200	.....	1	90	.....	80	.....	1	30	16
Grand Rapids.....	Grand Rapids Elec. & Water Co.....	2	350	.....	2	375	.....	90	.....	1	60	30
Granville.....	Granville Mfg. Elec. Light Plant.....	1	90	.....	1	87	.....	375	.....	2	350	257
Green Bay.....	Green Bay Gas & Elec. Co.....	14	1,375	14	1	2,318	.....	87	.....	1	50	47
Hartford.....	Hartford Elec. Co.....	2	160	.....	1	125	.....	2,318	.....	2	740	500
Hudson.....	Burkhardt Milling, Elec. Light & Power Co.....	.....	.....	575	.....	.....	.....	125	.....	2	60	50
Independence.....	Independence Mfg. Elec. Light Plant.....	1	75	.....	1	70	.....	575	.....	3	340	182
Iola.....	Front Bros. & Son.....	2	70	.....	1	65	.....	70	.....	1	38	30
Iron River.....	Iron River Water, Light & Power Co.....	3	175	.....	1	200	.....	65	.....	1	30	30
Janesville.....	Janesville Elec. Co.....	5	750	1,750	3	800	.....	200	.....	2	113	100
								2,550	.....	12	1,275	820

¹ Owned jointly with Green Bay Traction Co.

TABLE VIII. —ELECTRIC PLANTS, 1907—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.						Power purchased (Re-ported in H. P.)	ELECTRIC GENERATORS.		Maxi-mum demand on station or peak load, K. W.
		No.	H. P.	Water wheels.	Steam engines.		Gas engines.	Total prime motive power rated, H. P.	No.		Total capacity.		
					No.	H. P.						No.		H. P.
Jefferson.....	Jefferson Munic. Light Plant.....	2	200	.....	1	100	.....	.....	100	.....	2	115	65
Kaukauna.....	Kauk. Gas, Elec. Light & Power Co.....	2	150	.....	1	247	.....	.....	405	.....	6	261	246
Kenosha.....	Kenosha Gas & Elec. Co.....	3	600	.....	2	900	.....	.....	900	.....	3	500	366
Kewaskum.....	Kewaskum Elec. Light Co.....	.....	.....	.....	1	80	.....	.....	80	.....	2	.....	.....
Kilbourn.....	Kilb. Munic. Elec. Light Plant.....	1	120	.....	1	75	.....	.....	75	.....	1	50	50
La Crosse.....	La Crosse Gas & Electric Co.....	11	2,370	.....	9	2,020	.....	2	170	.....	120	1,625	2,000
La Fayette.....	Lady-smith Lighting Co.....	.....	.....	1	235	.....	.....	.....	235	.....	1	55	40
Lake Geneva.....	La Farge Elec. Co.....	2	140	1	70	.....	.....	.....	70	.....	1	60	55
Lake Mills.....	Eufratite Elec. Light Co.....	2	185	3	230	.....	2	150	.....	330	3	200	150
Laurens.....	Creanery Package Mfg. Co.....	2	125	.....	1	150	.....	.....	150	.....	2	165	80
Madison.....	Laurens Elec. Light Co.....	2	200	.....	2	180	.....	.....	180	.....	3	190	99
Manawa.....	Madison Gas and Elec. Co.....	6	1,837	.....	6	2,156	.....	3	685	.....	15	2,507	2,580
Mantowee.....	Little Wolf River Lumber Co.....	.....	.....	2	150	.....	.....	.....	150	.....	1	100	45
Marquette.....	Mantowee Elec. Light Co.....	4	600	.....	4	650	.....	1	150	.....	11	450	370
Marshfield.....	Men. & Mar. Light & Traction Co.....	6	900	.....	3	950	.....	.....	950	.....	24	1,245	.....
Mauston.....	Mar. Water, Elec. Light & Power Co.....	3	450	.....	2	425	.....	.....	425	.....	2	425	280
Mayville.....	Mauston Elec. Service Co.....	1	150	.....	1	150	.....	.....	150	.....	2	145	77
Mazonian.....	Northwestern Iron Co.....	1	250	1	125	.....	1	250	.....	375	2	.....	.....
Medford.....	Maz. Munic. Light & Water Plant.....	1	70	.....	50	.....	1	50	.....	50	1	30	20
.....	Medford Light & Heating Co.....	2	100	.....	1	169	.....	.....	169	.....	2	108	74
Mellen.....	Mellen Water & Light Co.....	1	60	2	200	.....	1	35	.....	235	1	60	40
Menasha.....	Menasha Munic. Elec. Light Plant.....	.....	.....	.....	1	75	.....	.....	75	.....	1	60	60
Menominee Falls.....	Men. Falls Elec. Light Co.....	.....	.....	.....	.....	.....	1	50	.....	50	1	30	33
Menominee.....	Men. Elec. Light & Power Co.....	2	200	1	127	.....	2	200	.....	327	1	196	195
Merrill.....	Merrill Ry. & Lighting Co.....	4	400	4	400	.....	1	200	.....	600	5	498	300

¹ Does not include 3 D. C. Arc Dynamos—total capacity of 200 lamps.

² Does not include traction.

³ Includes power & light generators for Menominee, Mich.

Milwaukee.	30	14,000	16	98,280	28,280	57	22,850	15,185
Mil. Light, Heat & Trac. Co.	6	1,860	2	1,300	1,400	1	1,070	1,070
Plankinton Elec. Light & Power Co.	1	1,852	10	1,857	1,857	4	1,748	1,748
Ry. Exchange Bldg. Co.	2	300	9	300	300	7	105	105
Wells Power Co.	6	2,471	5	1,655	1,655	5	1,550	825
Mineral Point.								
Mineral P. Electric Light Co.	3	550						40
Monrovia Elec. Light Plant.	1	300	2	300	300	2	200	200
Monroe Elec. Light & Power Co.	2	75		80	80	2	250	224
Montello Granite Co.	1	150				1	120	120
Mont. Munic. Elec. Light Plant.	1	100	1	80	80	1	60	50
Mt. Horeb.								
Mt. Horeb Elec. Light Co.	1	125	1	105	105	1	50	40
Necedah Milling & Elec. Co.	1	120	1	120	120	1	240	240
Nells, Elec. Light & Power Co.	1	100	1	250	250	2	200	200
New G. Elec. Light & Water Co.	1	100	1	100	100	1	100	150
New L. Elec. Light & Water Works.	2	250	1	150	150	1	120	100
New R. Munic. Light & Water Plant.								325
New R. Power Co.							250	238
North F. Elec. Light Co.	2	100	3	110	110	1	31	28
N. Milwaukee Light and Power Co.	3	325	3	300	300	3	240	176
Oconomowoc Munic. Light Dept.								
Oconomowoc.								104
Oconto Elec. Co.	2	300	2	220	220	6	225	120
Oconto.								120
Oconto Land & Mfg. Co.	1	75	1	65	65	1	50	34
Ontonagon Elec. Light Co.	4	1,440	3	1,700	2,050	8	1,530	1,210
Oshkosh.	1	60	1	60	135	2	80	46
Parad. Elec. Light Plant.								
Park Falls.								
Park Falls Water, Light & Power Co.	2	450	2	370	370	3	82	75
Plainsville.	2	450	2	370	370	1	60	30
Platteville Electric Light & Power Co.	3	450	2	370	370	4	160	145
Plymouth Munic. Elec. Light Co.	3	350	1	350	350	3	180	104
Portage Elec. Light Co.	4	600	1	300	300	3	250	128
Port Washington.	2	250	2	250	250	2	180	103
Prairie du Chien.	1	100	1	85	180	1	45	43
Princeton Munic. Light Dept.	1	100	1	65	65	1	30	30
Randolph Munic. Elec. Light Plant.								
Rhineland Lighting Co.							208	225
Rice Lake.	2	300	2	220	220	2	170	130
Rice Lake Munic. Elec. Light Plant.	2	200	2	300	300	2	185	185
Ripon Light & Water Co.	3	250	3	350	350	3	85	85
Ripon Light & Water Co.								
River Falls Munic. Elec. Light Plant.								261
River Falls.								161
St. Croix Falls.								7,600
St. Croix Falls Improvement Co.							10,000	17,250

¹Covers Racine and Waukesha plants.
Richmond Roller Mills.

TABLE VIII.—ELECTRIC PLANTS, 1907.—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Boilers.		PRIME MOTIVE POWER.				Total prime motive power rated H. P.	Power purchased (Re-ported H. P.)	ELECTRIC GENERATORS.		Maxi-mum demand on station or peak load, K. W.
		Water wheels.		Steam engines.		Gas engines.				Total K. W. capacity.	Total H. P.	
		No.	Total H. P.	No.	Total H. P.	No.	Total H. P.					
Sauk City.....	Sauk City Munic. Elec. Light Plant.....	1	60			1	50			1	35	30
Seymour.....	Seymour Elec. Co.....	1	100			1	85			1	50	40
Sheboygan.....	Sheboygan Light, Power & Railway Co.....	4	1,000			4	2,200			3	1,150	650
Sheboygan Falls.....	Falls Light & Power Co.....	3	400			2	250			3	150	130
Shell Lake.....	Shell Lake Munic. Water & Light Plant.....	2	125			1	125			2	33	28
Soldier's Grove.....	Soldier's Grove Elec. Co.....			2	100					1	75	50
Sparta.....	O. J. Newton's Sons Co.....	1	150	3	400	1	150			3	337	321
Spooner.....	Spooner Munic. Water & Light Plant.....	1	87			1	90			2	90	38
Spring Green.....	Spring Green Elec. Light Plant.....	2	125							1	37	37
Stanley.....	Northwestern Lumber Co.....	2	350			1	175			2	180	
Stevens Point.....	Stevens Point Lighting Co.....			1	550							
Stoughton.....	Stoughton Munic. Elec. Light System.....	1	160	2	300	1	150			1	300	150
Sturgeon Bay.....	St. Bay Munic. Elec. Light Plant.....	3	240			2	200			4	100	145
Superior.....	Superior Water, Light & Power Co.....	4	710	2	1,420	2	800			3	1,530	1,200
Two Rivers.....	Two Rivers Munic. Water & Light Plant.....	2	250	1	185					2	115	110
Vienna.....	Vienna Elec. Light Co.....											
Walworth.....	T. H. Windsor.....	2	160			1	150			1	100	80
Washington.....	Washington Elec. Light and Power Co.....	3	300			2	400		(1)			
Watertown.....	Watertown Elec. Light Co.....	2	240	4	160					3	265	103
Watertown.....	Watertown Gas & Elec. Co.....	2	240	2	200	2	500			1	80	42
Waukesha.....	Waukesha Gas & Elec. Co.....	2	250							3	625	360
Waupun.....	Waupun Munic. Light Plant.....	3	228			2	300	2				
Wausau.....	Wausau Elec. Co.....	3	340	4	1,200	1	192			3	231	118
West Bend.....	West Bend Heating & Lighting Co.....	2	200	1	85					2	170	105
Westby.....	Westby Munic. Light Plant.....	1	100			1	50			2	700	500
Westby.....	Westby Munic. Light Plant.....	1	100			1	85			1	150	120
Westby.....	Westby Munic. Light Plant.....	1	100			1	85			1	40	40

¹ Company purchases power—amount not reported.

Westfield.....	Westfield Milling & Elec. Light Co.....	2	100	.....	.....	.....	100	.....	1	50	28
West Salem.....	Neshonoc Light & Power Co.....	3	130	.....	.....	.....	130	.....	1	60	60
Weyauwega.....	Weyauwega Elec. Light Co.....	2	150	.....	.....	.....	150	.....	1	75	60
Whitewater.....	Whitewater Elec. Light Co.....	2	150	.....	185	1	6	.....	3	170	120
Wittenberg.....	Viking Lumber Co.....	2	100	.....	.....	.....	100	.....	1	75	56
Wyocena.....	Duck Creek Light & Power Co.....	3	112	.....	.....	1	35	.....	1	60	50

TABLE VIII.—ELECTRIC PLANTS, 1907 Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Com- mercial con- sumers.	Amps.	Motors.		Total con- nected load K. W.	Meters	Trans- formers.	Length of service.
				No.	Total H. P.				
Albany	Albany Elec. Light & Milling Co.	91	15			30	10		Night.
Albion	Albion City Water & Light Plant.	136	27			138	100	25	Night.
Alma	Alma Elec. Light Plant.	120	7	2	1.66	52	53		Dusk to midnight.
Amerity	Amerity Electric Co.	37	6			30			Dusk dawn.
Amherst	B. E. Dwindell & Co.	30	12			30	40		Dusk—midnight. ²
Antigo	Antigo Elec. Light Co.	504	121	21	108.0	475	450		Continuous.
Appleton	Wis. Trac. Light, Heat & Power Co.	1,360	1,253	166	691.00	1,757	644	120	Dusk 11:30; 5:30 dawn.
Aradina	Aradina Elec. Light & Power Plant.	132	6			75	130		Continuous.
Ashland	Ashland Light, Power & St. Ry. Co.	682	91	3	8.50	562	183	143	Continuous.
Athens	Athens Elec. Light & Power Co.	80	10			107			Dusk—dawn.
Augusta	J. L. Ball Elec. Light Plant.	87	9			65	28		Dusk—dawn.
Baldwin	Baldwin Elec. Light & Fuel Co.	93	13	1	10.00	90	37		Dusk—midnight.
Banger	Hess Bros. Light & Power Plant.	43	2	5	8.00	45	60		Continuous.
Baraboo	Baraboo Lighting Co.	272	47			320			Dusk dawn.
Barro	Barron Munic. Light Plant.	238	19			153	147	20	Dusk—dawn.
Bayfield	Bayfield Munic. Light Plant.	190	20			100	172	121	Dusk—dawn.
Beaver Dam	Beaver Dam Illuminating Co.	125	92	8	25.00	424	300	65	Continuous.
Belleville	Belleville Mills & Elec. Light Plant.	21				16			Night.
Beloit	Beloit Water, Gas & Elec. Co.	450	208	126	527.00	1,471	650		Continuous.
Berlin	Berlin Lighting, Heating & Power Co.	319	86	50	654.50	753	258	117	Night.
Birmamwood	Birmamwood Elec. Light Plant.	85	13			50	20		Dusk—dawn.
Black River Falls	B. R. Falls Munic. Elec. Plant.	214		1	50.00	60	40	25	Night.
Blair	Blair Elec. Light & Pumping Station.		10			48	3		Dusk—dawn.
Bloomer	Martin Rasmus, Elec. Light Plant.	80	7			45	54	30	Night.
Boscobel	Boscobel Elec. Light & Power Co.	152	35			93	148	28	Night.

Boyd.....	Chas. Shong & Son.....	54	15		30	12	Night.
Brohead.....	Brohead Elec. Co.....	320	6	1	100	120	Night.
Burlington.....	Burlington Elec. Light & Power Co.....	365	6	26	300	311	Continuous.
Cashion.....	Cashion Milling Co.....	31		1	75	0	Night.
Cedarburg.....	Cedarburg Elec. Light Plant.....	136	36	2	95		Night.
Chetek.....	Chetek Light & Power Co.....	110	7		44	12	Night.
Chippewa Falls.....	Chippewa Falls W. Wks. & Lighting Co.....	355	158	29	546	225	Continuous.
Clintonville.....	Clintonville Elec. Light Plant.....	166	23		170	143	Continuous.
Coffax.....	Coffax Mill & Power Plant.....	92		1	40	6	Night.
Columbus.....	Columbus Water Wks. & Lighting Plant.....	223	81	23	325	242	Continuous.
Cuba City.....	Cuba City Elec. Light Plant.....	72	17	1	20	15	Night.
Cumlerland.....	Cumlerland Munic. Lighting Plant.....	156			150		Night.
Darlington.....	Darlington Elec. Light & Water Co.....	181	8		207	144	Dusk—dawn.
De Pere.....	De Pere Elec. Light & Power Co.....	388	107	77	822	318	Continuous.
Dodgeville.....	Dodgeville Elec. Light & Power Co.....	100	5		60	76	Dusk—midnight. ²
Durand.....	Durand Light & Power Co.....	99	4	5	250		Continuous.
Eau Claire.....	Chippewa Valley Ry. Light & Power Co.....	730	340	151	1,744	342	Continuous.
Edgerton.....	Edgerton Elec. Light Co.....	90	15	16	63	276	Continuous.
Elkhat Lake.....	Milwaukee & Fox River Valley Ry. Co.....	213	136	1	08	48	Dusk—midnight. ²
Elkhorn.....	Elkhorn Light & Power Co.....				16	211	Night.
Ellsworth.....	Ellsworth Heat, Light & Power Co.....	111	17		128	04	Night.
Eloy.....	Eloy Munic. Light & W. Wks. Plant.....	580	35		242	253	Night.
Evansville.....	Evansville Water & Light Dept.....	180	23		140	169	Night.
Fennimore.....	Fennimore Munic. Elec. Light Plant.....				83		Night.
Fond du Lac.....	Eastern Wls. Ry. & Light Co.....	1,355	240	134	600	1,413	Continuous.
Ft. Atkinson.....	Ft. Atkinson Light & Water Dept.....	204	7	73	100	521	Continuous.
Fountain City.....	Fountain City Light & Power Co.....	78	4	6	125	52	Continuous.
Frederick.....	Dahlberg Bros.....	80	4	1	35		Night.
Galesville.....	Davis Mill Co.....						Dusk—midnight. ²
Gays Mills.....	Atwood & Haggerty.....	61	6		16		Dusk—11:00:5:30 dawn.
Glenwood.....	Glen. & Downing Light & Power Co.....	40	8		42	45	Night.
Grand Rapids.....	Grand Rapids Elec. & Water Co.....	650	55	18		285	Continuous.
Grantshurg.....	Grantshurg Munic. Elec. Light Plant.....	113	7	2	47	50	Dusk—midnight. ²
Green Bay.....	Green Bay Gas & Elec. Co.....	913	161	31	239	00	Continuous.
Hartford.....	Hartford Elec. Co.....	225		4	15	00	Continuous.
Hudson.....	Burkhardt Milling, Elec. Light & Power Co.....	472	55	8	360	387	Continuous.
Independence.....	Independence Munic. Elec. Light Plant.....				30		Dusk to 1:00 a. m.
Iola.....	Promer Bros. & Son.....	74	1		71	46	Dusk—mid.: 5:00 dawn.
Iron River.....	Iron River Water, Light & Power Co.....	153	20	3	136	00	Power continuous.
Janesville.....	Janesville Elec. Co.....	896	211	450	1,846	1,028	Continuous.

² Service given from 5:30 a. m. to dawn, during winter.

Area for public service only, no others reported.

TABLE VIII.—ELECTRIC PLANTS, 1907.—Continued.
Electric Equipment, Load and Demand for All Electric Plants—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Com- mercial con- sumers.	LOAD DATA.				Meters.	Trans- formers.	Length of service.
			Ares.	Motors.		Total con- verted load K. W.			
				No.	Total H. P.				
Jefferson.....	Jefferson Munic. Light Plant.....	217	33	57	240.00	65	216	21	Night.
Kaukauna.....	Kauk. Gas, Elec. Light & Power Co.....	588	155	51	302.50	507	586	76	Continuous.
Kenosha.....	Kenosha Gas & Elec. Co.....	588	19			80			Continuous.
Kewaskum.....	Kewaskum Elec. Light Co.....	40							Night.
Kilbourn.....	Kilbourn Munic. Elec. Light Plant.....	120							Night.
LaCrosse.....	LaCrosse Gas & Elec. Co.....	2,930	525	328	1,870.00	5,000	2,090		Continuous.
Lady Smith.....	Lady Smith Lighting Co.....	250	35			90	58	42	Night.
LaFarge.....	LaFarge Elec. Co.....	74	10			40	10	8	Night.
Lake Geneva.....	Equitable Elec. Light Co.....	343	7	45	130.00	600	346		Continuous.
Lake Mills.....	Creamery Package Mfg. Co.....	105	9	3	10.00	158	38	70	Continuous.
Lancaster.....	Lancaster Elec. Light Co.....	105	52	1	2.00	190	112	6	Night.
Madison.....	Madison Gas & Elec. Co.....	3,060	265	268	1,412.80	24,802	2,019	52	Continuous.
Manawa.....	Little Wolf River Lumber Co.....	40	4			242			Night.
Manitowoc.....	Manitowoc Elec. Light Co.....	976	126	26	55.00	1,115	976		Continuous.
Marinette.....	Men. & Marl. Light & Traction Co.....	686	170	73	215.00	1,014	700	58	Continuous.
Marshfield.....	Mar. Water, Elec. Light & Power Co.....	339	79	8	34.00	510	293	33	Continuous.
Mauston.....	Mauston Elec. Service Co.....	190	27			140	167	33	Night.
Mayville.....	Northwestern Iron Co.....	115	27	10	80.00	70			Dusk—midnight.
Mazomanie.....	Maz. Munic. Light & Water Plant.....	100				50	65		Night.
Medford.....	Medford Light & Heating Co.....	165	30			140	147		Night.
Mellen.....	Mellen Water & Light Co.....	121	5			298	41	47	Night.
Menasha.....	Menasha Munic. Elec. Light Plant.....		80			103		3	Dusk—dawn.
Menomonie Falls.....	Men. Falls Elec. Light Co.....	55	20			102			Continuous.
Menomonie.....	Men. Elec. Light & Power Co.....	259	64	7	37.50	415	270	74	Continuous.
Merrill.....	Merrill Ry. & Lighting Co.....	444	108	22	155.50	650	332		Continuous.

TABLE VIII.—ELECTRIC PLANTS, 1907.—Continued.
Electric Equipment, Load and Demand for All Electric Plants.—Private and Municipal.

LOCATION.	NAME OF COMPANY.	LOAD DATA.						Transformers.	Length of service.
		Com- mercial con- sumers.	Aves.	Motors. No.	Total H. P.	Total con- nected load K. W.	Meters.		
Rice Lake	Rice Lake Munic. Elec. Light Plant	372	29	2	5.12	165	232	76	Night.
Richland Center	Richland Center Munic. Elec. Light Plant	225	76	3	5.30	130	216	61	Night.
Ripon	Ripon Light & Water Co.	182	64	3	125.00	231	176	53	Night.
River Falls	River Falls Munic. Elec. Light Plant	364	37	28	2.50	700	304	42	Continuous.
St. Croix Falls	Minnesota Improvement Co.	47	7	2			80		Continuous.
Sauk City	Sauk City Munic. Elec. Light Plant	107				100			Night.
Seymour	Seymour Elec. Co.	40	14			150	63	43	Night.
Shesboygan	Shesboygan Light, Power & Railway Co.	1,200	488	100	500.00	1,500	1,050	262	Continuous.
Shesboygan Falls	Falls Light & Water Co.	100	36	11	33.00	150	46		Continuous.
Shell Lake	Shell Lake Munic. Water & Light Plant	90	10			28			Night.
Soldiers Grove	Soldiers Grove Elec. Co.	100				55			Night.
Sparta	O. L. Newton's Sons Co.	329	61	26	183.00	780	254	32	Continuous.
Spooner	Spooner Munic. Water & Light Plant	130	4	1	.12	55	102	19	Night.
Spring Green	Spring Green Munic. Elec. Light Plant		3			47	81	17	Night.
Stanley	Northwestern Lumber Co.	130	36	2	1.00	100	35	67	Night.
Stevens Point	Stevens Point Lighting Co.		83	25	105.00		273	107	Continuous.
Stoughton	Stoughton Munic. Electric Light System	366	73	6	18.00	285	310	41	Continuous.
Sturgeon Bay	Sturgeon Bay Munic. Elec. Light Plant	328	41	1	1.50		242	30	Night.
Superior	Superior Water, Light & Power Co.	1,861	380	76	834.00	2,738	1,003	437	Continuous.
Two Rivers	Two Rivers Munic. Water & Light Plant	213	65			335	212	39	Night.
Viroqua	Viroqua Elec. Light Co.	245	12			80	111	28	Night.
Walworth	T. H. Windsor	77	34		307.00	264	60	14	Night.
Washburn	Washburn Elec. Light & Power Co.	263	26	2	2.25	150			Night.
Waterford	Waterford Elec. Light Co.	75		12	14.00	50			Night.
Watertown	Watertown Gas & Elec. Co.	425	107	64	380.00	741	393	56	Continuous.

Waukegan	104	107	4	3.00	345	181	42	9:00 a. m.—1:00 a. m.
Waukegan Gas & Elec. Co.	253	46			286	208	20	Continuous.
Waukegan Light Plant	717	146			1,760			Continuous.
Waukegan Electric Co.	141	71	110	919.00	200	115		Continuous.
West Bend Heating & Lighting Co.	120				44	43		Night.
West Bend Electric Light Plant								
Westfield	60	121			35	44	8	Night.
Westfield Milling & Electric Light Co.	112	5			40	70	16	Night.
West Salem	141	20			00		31	Night.
Westauwaga	331	40	1	150.00		344	40	Night.
Whitewater	81	26	1	10.00	60	73	12	Night.
Whitewater Electric Light Co.								
Viking Lumber Co.								
Wittenberg								
Wyocena	29				50	13	12	Night.
Duck Creek Light & Power Co.								

†Ares for public service only; no others reported.

TABLE I.—GAS PLANTS, 1907.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.					OPERATING EXPENSES.				
		Public service.	Commercial service.	By-products.	Miscellaneous receipts.	Deduct discount etc.	Total.	Labor.	Supplies and expenses.	Maintenance.	Total.
Appleton.....	Wisconsin T. L. H. & P. Co.		\$68,383 81	\$16,940 54	\$1,181 62	\$430 19	\$86,089 78	\$3,401 78	\$34,898 54	\$2,319 90	\$40,548 22
Ashland.....	Ashland L. P. & S. Ry. Co.	\$3,000 00	24,011 59	13 16		4,502 36	22,532 39	1,088 80	7,657 31	426 03	9,172 14
Baraboo.....	Baraboo Lighting Co.		8,750 00	2,130 00			10,880 00	1,440 00	7,067 80		8,527 80
Beloit.....	Beloit Water, Gas & E. Co.	38 18	50,402 39	14,006 02	55 21	83 41	64,418 39	6,480 82	24,375 50	630 93	31,487 25
Berlin.....	Berlin Gas Co.		10,471 25	543 78		1,414 00	9,601 03	1,304 09	3,629 04	182 00	5,125 13
Chippewa Falls.....	Chippewa F. W. W. & L. Co.		8,003 81	103 12	114 13		8,311 06	580 00	2,721 26	648 74	3,950 00
Eau Claire.....	Eau Claire Gas Light Co.		40,030 84	9,447 61	4,751 63	171 58	54,058 50	3,524 73	16,015 41	180 69	19,720 83
Fond du Lac.....	Eastern Wis. Ry. & L. Co.		38,938 40	14,769 83	2,817 00		56,545 23	1,129 30	22,604 01	4,184 24	28,007 64
Green Bay.....	Green Bay Gas & E. Co.		41,293 45	15,264 70	501 77	4,621 60	32,528 32	6,264 11	28,063 65	1,440 00	33,906 36
Janesville.....	New Gas Light Co.		68,597 72	288 72	4,777 54		64,108 90	3,743 88	16,872 98	1,525 32	22,142 38
Kenosha.....	Kenosha Gas & F. Co.		79,386 18	658 86	1,291 26	255 57	81,286 73	3,748 19	232,410 26	890 42	37,054 87
La Crosse.....	La Crosse Gas & F. Co.		61,190 55	25,927 02			87,087 57	7,150 43	45,011 57	2,188 50	54,980 50
Madison.....	Madison Gas & F. Co.		121,367 02	22,218 19	19,919 71		163,505 52	15,326 81	68,327 14	6,380 33	90,034 48
Manitowoc.....	Manitowoc Gas Co.		22,263 54	5,490 89	5,944 15	245 86	33,882 76	2,174 55	9,451 80	1,170 20	11,736 55
Marquette.....	M. & Mar'le L. & T. Co.		10,434 54	1,439 94			11,874 48	1,600 43	3,827 64	1,234 81	6,671 98
Menomonie.....	Menomonie Gas Co.		5,513 75				5,513 75	782 00	1,866 41	290 55	2,938 96
Milwaukee.....	Milwaukee Gas Light Co.	25,778 32	1,703,846 29	356,056 11	9,010 66	2,625 45	2,002,045 93	85,811 28	423,427 13	59,874 08	769,112 40
Oshkosh.....	Oshkosh Gas Light Co.	438 00	69,000 10	24,879 30	6,240 51	51 71	100,513 26	12,222 17	35,040 57	1,716 12	48,978 86
Portage.....	American Gas Co.	2,116 13	18,807 48	6,989 38	154 95		28,067 92	1,743 62	11,461 42	819 00	14,024 34
Racine.....	Racine Gas Light Co.		150,952 08	51,072 77	1,040 90	237 76	211,828 08	12,611 67	72,759 94	5,036 53	91,008 14
Sheboygan.....	Sheboygan Gas Light Co.		38,291 73	9,173 19		418 75	47,035 47	4,026 50	14,036 50	1,297 08	19,390 77
Stevens Point.....	Stevens Point Lighting Co.		11,746 00		493 15		12,239 15	1,200 00	3,969 52	252 48	5,442 00
Superior.....	Superior Water, L. & P. Co.		55,818 78	6,471 67			55,818 78	1,321 06	417,589 10	170 96	19,061 21
Watertown.....	Watertown Gas & F. Co.	1,886 25	26,557 29	6,471 67		69 22	34,845 99	2,032 93	13,038 13	912 00	16,583 66
Waukesha.....	Waukesha Gas & E. Co.	18 00	42,076 90	13,000 50	129 92	2,040 83	53,773 45	5,961 01	25,553 02	2,965 00	34,480 01
Wausau.....	Wausau Gas Co.		24,061 40	7,182 84		2,030 08	29,704 22	3,019 89	12,700 76	2,982 47	16,683 12
Total.....		\$53,272 89	\$2,810,127 55	\$905,057 14	\$53,745 64	\$24,001 91	\$3,478,201 30	\$198,908 52	\$1,153,674 50	\$97,328 17	\$1,440,811 19

1001 was plant. 2 Includes \$5,878.40 purchased gas.

¹Oil gas plant. ²Includes \$3,578.40 purchased gas. ³Includes \$187,874.44 purchased gas. ⁴Includes \$17,110.70 purchased gas.

TABLE I. GAS PLANTS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME OF COMPANY.	Distribution.					General.		Total.	Total operating expenses.
		Labor.	Supplies and expenses.	Maintenance.	Gratuities and work.	Total.	Salaries.	Supplies and expenses.		
Appleton.....	Wisconsin Traction, L. H. & P. Co.	\$3,287 70	\$484 91	\$4,909 98		\$8,082 50	\$4,108 73	\$6,067 36	\$10,176 09	\$10,006 90
Ashtabula.....	Ashtabula Light, Power & St. Ry. Co.	2,164 67	439 53	274 30	\$11 00	2,890 50	1,400 03	1,068 10	2,468 13	14,389 80
Baraboo.....	Baraboo Lighting Co.						750 00	150 00	900 00	9,427 80
Beloit.....	Beloit Water Gas & Electric Co.	157 82	461 33	511 11	346 73	1,526 05	4,382 64	2,729 15	7,121 79	40,135 09
Berlin.....	Berlin Gas Co.	576 00	130 00	20 00		746 00	1,416 00	1,035 92	2,451 92	8,323 05
Chippewa Falls.....	Chippewa Falls Waterworks & L. Co.									
Eau Claire.....	Eau Claire Gas Light Co.	2,451 32	77 58	636 31	205 76	3,371 17	4,783 60	3,066 84	8,750 44	31,842 44
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.						2,443 36	2,049 47	5,092 83	36,814 83
Green Bay.....	Green Bay Gas & Electric Co.	1,513 52	448 90	702 32	1,001 60	3,666 34	3,053 03	4,129 40	7,182 43	44,770 13
Janesville.....	New Gas Light Co.	1,792 24	1,163 40	1,183 55	1,087 19	5,226 38	4,049 15	6,489 18	10,538 33	57,916 09
Kenosha.....	Kenosha Gas & Electric Co.	1,182 85	284 81	1,105 53	694 24	3,267 43	3,453 00	3,039 90	6,492 90	46,806 20
La Crosse.....	La Crosse Gas & Electric Co.	1,277 63	911 87	445 32	279 21	2,914 03	2,974 26	2,255 70	5,229 96	63,113 49
Madison.....	Madison Gas & Electric Co.	5,455 19	1,636 37	5,334 78	6,290 30	18,703 64	3,430 08	8,400 97	11,801 05	120,052 17
Manitowoc.....	Manitowoc Gas Co.	1,105 03	132 06	718 14	418 98	2,374 21	2,144 50	97,563 89	9,708 39	23,879 15
Marquette.....	Menominee & Marinette L. & T. Co.					2,271 20	460 00	183 28	643 28	9,501 36
Menomonee.....	Menomonee Gas Co. ¹				150 00		893 00	261 10	1,154 10	4,247 06
Milwaukee.....	Milwaukee Gas Light Co.	69,403 21	12,885 99	45,917 10	7,653 24	135,845 54	70,253 83	76,917 17	147,171 03	1,052,129 06
Oshkosh.....	Oshkosh Gas Light Co.	3,034 35	474 50	1,229 68	1,229 68	4,838 62	2,367 66	5,587 60	8,314 26	62,131 74
Portage.....	American Gas Co.	226 10	819 07	194 21	1,229 74	1,460 12	2,367 66	1,093 78	3,426 62	18,911 08
Racine.....	Racine Gas Light Co.	1,967 97		5,712 34	1,724 04	9,104 35	9,632 85	13,514 88	25,167 73	123,280 22
Sheboygan.....	Sheboygan Gas Light Co.	285 70	737 00	1,302 98	472 05	2,797 82	3,270 00	3,391 82	6,661 82	28,820 41
Stevens Point.....	Stevens Point Lighting Co.	1,080 00	538 23			1,618 23	1,272 00	944 55	2,236 55	9,200 78
Superior.....	Superior Water, Light & Power Co.	3,502 51	203 40	587 91	250 08	4,544 30	3,808 83	4,368 10	8,176 93	31,802 64
Watertown.....	Watertown Gas & Electric Co.	540 00		1,136 45	1,154 11	2,833 56	1,162 02	2,200 50	3,391 52	22,808 74
Waukesha.....	Waukesha Gas & Electric Co.	806 00		506 90	864 53	2,583 53	2,022 97	1,888 68	3,911 65	40,680 59
Wausau.....	Wausau Gas Co.	312 01	64 04	126 19	112 07	614 41	1,731 85	1,875 89	3,607 74	20,935 27
Total.....		\$102,018 92	\$21,915 23	\$71,534 52	\$24,186 15	\$223,585 38	\$136,078 29	\$102,402 23	\$291,408 15	\$1,981,864 72

¹Includes \$1,333.97 cost of stoves and other sales. ²Includes \$7,133.56 undistributed expense. ³Includes \$927.03 undistributed expense. ⁴Includes \$84.72

*Includes \$4,833.97 cost of stoves and other sales. *Includes \$7,130.56 undistributed expense. *Includes \$927.03 undistributed expenses.

TABLE I.—GAS PLANTS, 1907.—(Concluded).
Income Account of Plants Operating in Municipalities of Over 5,000 Population.

NAME OF COMPANY.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.		Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.		
(Appleton) Wis. T. L. H. & P. Co.	\$26,062 88	\$2,175 74	\$ 28,238 62	\$1,237 19	\$18,468 00	\$19,705 19	\$2,054 62			\$1,448 81
Ashland L. P. & St. Ry. Co.	1,992 30	30 00	2,022 30	1,239 60	1,063 12	2,302 72				5,069 87
Baraboo Lighting Co.	1,432 20		1,432 20	720 81		720 81				731 39
Beloit W. G. & E. Co.	24,283 30	258 77	24,542 07	2,081 91	13,585 27	17,667 18			\$2,100 00	4,774 89
Berlin Gas Co.	1,277 98		1,277 98	303 00	1,980 42	1,239 42				38 36
Chippewa Falls W. & L. Co.	2,585 43		2,585 43	631 25	1,200 00	1,831 25				457 18
Eau Claire G. L. Co.	22,216 06		22,216 06	2,287 32	10,919 68	13,207 00			6,440 00	2,568 06
(Fond du Lac) E. Wis. Ry. & L. Co.	19,730 40		19,730 40	1,770 00	14,750 00	16,520 00				3,210 40
Green Bay G. & E. Co.	7,758 19		7,758 19	2,071 00	18,000 00	20,071 00				12,912 81
(Janesville) New G. L. Co.	26,192 81	192 54	26,385 35	3,242 42	11,450 00	14,692 42			5,000 00	6,082 93
Kenosha G. & E. Co.	34,474 33	480 81	34,955 34	1,407 11	8,465 69	9,872 80		\$8,612 25	8,612 25	16,470 20
La Crosse G. & E. Co.	23,974 08		23,974 08	1,463 54	17,283 33	18,746 87				5,230 21
Madison G. & E. Co.	42,873 35		42,873 35	2,487 24	19,924 71	22,411 95	9,165 00		9,165 00	11,285 80
Manitowish Gas Co.	10,083 61		10,083 61	1,030 39	5,704 47	6,734 86				3,190 75
Menominee & Mar. L. & Tr. Co.	2,283 12		2,283 12	530 25	918 32	1,448 57				804 55
Menomonie Gas Co.	1,264 69		1,264 69	287 62	123 80	411 42				855 27
Milwaukee G. L. Co.	1,030,966 87	17,811 75	1,048,778 62	131,113 73	365,323 62	496,437 35	180,000 00		180,000 00	97,861 24
Oshkosh G. L. Co.	38,381 52	2,292 66	40,674 18	3,365 70	14,528 00	18,123 70	175 08		175 08	22,375 31
(Portage) Am. Gas Co.	9,156 84		9,156 84	520 00	2,400 00	2,920 00				6,236 84
Racine G. L. Co.	88,547 86		88,547 86	7,410 75	50,000 00	57,410 75			30,000 00	1,137 11
Shoboygan G. L. Co.	18,215 00	4,325 36	22,540 36	1,308 26	12,585 73	13,893 99				855 27
Stevens Point L. Co.	2,942 97		2,942 97	484 50	3,179 66	3,663 59			7,500 00	1,136 43
Superior W. L. & P. Co.	24,016 14		24,016 14	1,884 01	11,415 46	13,299 47	7,500 00		7,500 00	1,720 62
Watertown G. & E. Co.	12,667 25	1,375 53	14,042 78	440 46	4,750 04	6,240 50		1,253 00	8,753 00	1,963 67
Waukesha G. & E. Co.	13,112 90		13,112 90	585 50	3,000 00	4,185 50			461 51	6,710 77
Wausau Gas Co.	8,998 95	1,433 09	10,432 04	1,300 00	8,606 62	10,106 62			6,851 31	2,065 00
Total	\$1,510,326 58	\$40,416 25	\$1,550,742 83	\$173,704 56	\$663,481 46	\$737,186 02	\$196,905 30	\$10,604 02	\$207,528 18	\$185,534 31

Deficit.

TABLE II.—GAS PLANTS, 1907.
Income Account of Gas Companies Operating in Cities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.				OPERATING EXPENSES.				
		Public service.	Commercial service.	Miscellaneous income.	Deduct discounts, etc.	Total.	Production.	Distribution.	General.	Total.
Ridgely.....	Ridgely Light and Water Co.	\$132 00	\$10,294 21	21 00	\$112 25	\$10,017 06	\$5,712 25	\$570 81	\$1,432 10	\$7,715 16
Stoughton.....	Stoughton Light & Fuel Co.	.....	2,525 85	42 49	.....	2,568 34	1,830 89	4 83	1,615 42	\$3,551 16
Wauwatosa.....	Wauwatosa Gas Co.	.....	13,126 80	87 50	101 89	13,112 21	.....	.....	.....	\$3,565 12
West Allis.....	West Allis Gas Co.	.....	12,451 20	1,0 57	125 12	12,446 45	.....	.....	.....	\$9,324 14
Total.....		\$132 00	\$26,099 16	\$254 10	\$639 26	\$26,446 06	\$7,563 14	\$575 66	\$3,107 52	\$30,345 38

NAME OF COMPANY.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.		RESERVES.		Dividends.	Surplus or deficit.
				Taxes.	Interest.	Depreciation.	Other reserves.		
Ridgely Light and Water Co.	\$2,302 80	.....	\$2,302 80	\$254 68	\$739 50	.....	.....	\$453 24	\$635 18
Stoughton Light and Fuel Co.	434 72	.....	434 72	.....	147 32	.....	.....	.....	1,005 04
Wauwatosa Gas Co.	3,527 07	.....	3,527 07	177 58	135 38	.....	.....	2,250 00	\$73 85
West Allis Gas Co.	2,922 31	.....	2,922 31	291 09	668 95	.....	.....	500 00	1,468 27
Total.....	\$8,100 48	.....	\$8,110 48	\$726 35	\$2,472 65	\$3,190 00	.....	\$3,203 24	\$1,008 24

¹ Began operation, Aug., 1907.

² Gas purchased.

³ Total contains \$18,000.26 unapportioned expense.

⁴ Deficit.

TABLE III.—GAS PLANTS, 1907.
Ratio of Operating Expenses and Earnings of all Gas Companies,
(Excluding Gasoline and Carbide Process.)

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.			Percentage of operating expenses to operating revenues.
		Production.	Distribution.	General.	Total.
Appleton.....	Wisconsin Traction, Light, Heat & Power Co.....	67.57	14.48	17.94	100.00
Ashland.....	Ashland Light, Power & Street Railway Co.....	62.87	19.80	17.33	100.00
Baraboo.....	Baraboo Lighting Co.....	90.46		9.54	100.00
Beloit.....	Beloit Water, Gas & Electric Co.....	78.46	3.80	17.74	100.00
Berlin.....	Berlin Gas Co.....	61.58	8.96	29.46	100.00
Chippewa Falls.....	Chippewa Falls Water Works & Lighting Co.....	65.59	19.01	15.40	100.00
Eau Claire.....	Eau Claire Gas Light Co.....	61.93	10.58	27.49	100.00
Fond du Lac.....	Eastern Wisconsin Railway & Light Co.....	70.08	10.09	13.53	100.00
Green Bay.....	Green Bay Gas & Electric Co.....	75.74	8.19	16.07	100.00
Janesville.....	New Gas Light Co.....	58.40	13.82	27.78	100.00
Kenosha.....	Kenosha Gas & Electric Co.....	73.17	6.86	13.85	100.00
La Crosse.....	La Crosse Gas & Electric Co.....	87.10	4.62	8.28	100.00
Madison.....	Madison Gas & Electric Co.....	74.63	15.50	9.87	100.00
Manitowoc.....	Manitowoc Gas Co.....	49.41	9.94	40.65	100.00
Marquette.....	Menominee & Marinette Light & Traction Co.....	66.56	23.68	6.76	100.00
Menominee.....	Menominee Gas Co.....	86.20	3.53	27.27	100.00
Milwaukee.....	Milwaukee Gas Light Co.....	73.10	12.91	13.99	100.00
Oshkosh.....	Oshkosh Gas Light Co.....	74.83	7.79	13.38	100.00
Portage.....	American Gas Co.....	74.16	7.72	18.12	100.00
Racine.....	Racine Gas Light Co.....	73.82	7.30	18.79	100.00
Ripon.....	Ripon Light & Water Co.....	74.04	7.40	18.56	100.00
Sheboygan.....	Sheboygan Gas Light Co.....	67.18	9.70	23.12	100.00
Stevens Point.....	Stevens Point Lighting Co.....	58.54	17.40	24.06	100.00
Stoughton.....	Stoughton Light & Fuel Co.....	52.42	13	47.45	100.00
Superior.....	Superior Water, Light & Power Co.....	60.00	14.29	25.71	100.00
Watertown.....	Watertown Gas & Electric Co.....	72.71	12.42	14.87	100.00
Waukesha.....	Waukesha Gas & Electric Co.....	84.81	5.58	9.61	100.00
Wausau.....	Wausau Gas Co.....	79.81	2.93	17.26	100.00
Wauwatosa.....	Wauwatosa Gas Co.....				100.00
West Allis.....	West Allis Gas Co.....				100.00
					69.72
					64.70
					86.65
					62.30
					86.89
					72.47
					58.90
					65.11
					85.23
					59.14
					57.59
					72.44
					73.78
					70.47
					80.76
					77.03
					50.30
					61.82
					67.35
					58.20
					77.02
					61.28
					75.96
					123.08
					56.98
					65.46
					75.62
					70.17
					73.03
					76.52

TABLE IV.—GAS PLANTS, 1907.
(Gasoline and Carbide Process.)
Financial Statement.

MUNICIPALITY.	NAME.	Plant value.	Bonds outstanding.	OPERATING REVENUES.			Operating expenses.	Net operating revenue or deficit.	Taxes.	Interest.	Dividends.	Surplus or deficit.
				Public service.	Commercial service.	Total.						
Deerfield. Milton. Palmyra.	Acetylene plants.											
	Urban Construction Co.	\$7,500 00			\$812 85	\$812 85	\$883 50	\$883 50	\$450 74	\$42 38		\$493 12
	Milton & Milton Jet Co-operative Plant.	2,000 00				500 00	1,000 00	500 00				500 00
Total.	Municipal Gas Plant.	\$9,500 00				\$1,312 85	\$1,883 50	\$550 74	\$42 38			\$453 12
Alcona. Cambria. Clinton. Fox Lake. Hammond. Hilbert. Horton. Juneau. Marion. Markesan. Nekoosa. Wautoma.	Gasoline plants.											
	Municipal Gas Plant.	\$5,000 00	\$1,000 00			\$1,200 00	\$1,400 00	\$200 00				\$440 00
	Municipal Gas Plant.	6,000 00	3,000 00			1,236 48	2,144 01	407 53		\$240 00		\$1,057 53
	Municipal Gas Plant.	6,300 00	6,500 00			2,000 00	2,340 00	490 00		150 00		\$485 00
	Municipal Gas Plant.	7,000 00	5,600 00			3,037 35	3,352 98	487 53		325 00		\$1,088 53
	Municipal Gas Plant.	4,500 00	3,000 00			1,003 64	1,771 05	167 41		224 00		\$167 41
	Municipal Gas Plant.	7,000 00	5,500 00			1,485 48	1,272 30	213 18		849 00		\$453 82
	Municipal Gas Plant.	10,500 00	10,000 00			3,132 62	4,052 62	414 87				\$798 87
	Municipal Gas Plant.	13,000 00	13,000 00	\$800 00	1,542 03	4,052 03	2,138 94	456 95		650 00		\$673 20
	Municipal Gas Plant.	7,000 00	5,200 00			1,542 03	2,138 94	456 95		276 25		
	Municipal Gas Plant.	5,000 00				1,800 00	2,210 00	410 00				\$410 00
	Municipal Gas Plant.	7,500 00	6,000 00			1,679 40	1,470 00	209 40		500 00		\$290 00
Total.		\$79,000 00	\$31,800 00			\$19,638 08	\$22,860 70	\$3,222 71				\$8,438 35
Hortonville.	Hortonville Light, Heat & Power Co.	\$7,500 00	\$2,800 00	\$578 00	\$1,208 50	\$1,784 50	\$1,655 50	\$128 00	\$45 61	\$35 00		\$47 99

¹ Also furnishes water service.
² Mortgage.

³ Includes \$21.08 miscellaneous income.
⁴ Deficit.

TABLE V.—GAS PLANTS, 1907.
Balance Sheet of Companies in Operation in Cities of Over 5,000 Population.

CITY.	NAME OF COMPANY.	Assets.				Miscellaneous.	Cash.	Deficit.	Total.
		Property assets.	Investments, securities, etc.	Current and accrued assets.					
Appleton.....	Wis. Traction Light Heat & Power Co.	\$500,578 20	\$80,802 00	\$11,313 00		\$3,840 36	\$12,844 46		\$708,588 11
Ashtand.....	Ashtand Light, Power & S. Ry Co.	107,331 27		21,237 22		1,928 80	384 10		131,001 39
Baraboo.....	Baraboo Lighting Co.	30,330 00		1,150 88			1,359 00	\$140,135 02	197,530 00
Beloit.....	Beloit Water, Gas & Electric Co.	330,732 07		14,000 20			2,725 04		368,157 31
Berlin.....	Berlin Gas Co.	64,272 30		1,803 00					66,075 30
Chippewa Falls.....	Chippewa Falls Water Works & L. Co.	40,000 00		3,207 11					43,207 11
East Chalmers.....	East Chalmers Gas Light Co.	437,835 11	700 00	20,028 04			1,325 47		460,708 22
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.	403,265 30		10,530 08			6,773 28		510,407 22
Green Bay.....	Green Bay Gas & Electric Co.	644,147 87	1,890 74	14,727 08		125 27		10,560 24	580,447 20
Janesville.....	New Gas Light Co.	500,741 36	10,000 00	21,708 48			4,418 00		536,868 50
Kenosha.....	Kenosha Gas & Electric Co.	421,580 17	4,000 00	50,280 27		205 90	1,457 03		477,798 37
La Crosse.....	La Crosse Gas & Electric Co.	551,160 70		24,312 25			305 82	3,130 12	570,117 43
Madison.....	Madison Gas & Electric Co.	623,300 70		45,103 41		4,140 30	1,147 21		663,561 42
Manitowish.....	Manitowish Gas Co.	402,044 80	100 00	13,038 68					410,083 57
Marquette.....	Menominee & Marinette L. & T. Co.	64,542 36		6,431 88			453 30		71,407 54
Menomonie.....	Menomonie Gas Co.	25,882 26		1,486 44			134 02		27,502 72
Milwaukee.....	Milwaukee Gas Light Co.	13,138,250 64	310,706 03	538,053 81			35,290 04		14,023,290 12
Oshkosh.....	Oshkosh Gas Light Co.	981,308 62	4,877 78	20,170 33			1,031 00		1,007,387 74
Portage.....	American Gas Co.	123,014 32		153 04			17,803 53		130,970 20
Racine.....	Racine Gas Light Co.	1,000,807 40		88,440 55					1,710,083 37
Shelbyville.....	Shelbyville Gas Light Co.	348,082 26	61,000 00	15,401 04			500 37		425,082 27
Stevens Point.....	Stevens Point Lighting Co.	102,401 20		4,200 14			37 34	10,340 77	117,117 73
Superior.....	Superior Water, Light & Power Co.	455,060 83	57,021 02	8,707 07		927 00	338 64		523,031 12
Watertown.....	Watertown Gas & Electric Co.	228,088 51		5,055 85		1,274 26	645 51		234,949 83
Waukesha.....	Waukesha Gas & Electric Co.	250,728 70		22,277 90			774 26		273,740 78
Wausau.....	Wausau Gas Co.	528,574 00	17,000 00	20,720 30			900 53	885 40	569,189 18
Total.....		\$23,142,272 00	\$700,008 77	\$1,023,353 55		\$4,254 29	\$92,467 32	\$182,075 01	\$25,211,511 03

* Deduction, special expense account.

TABLE V. GAS PLANTS, 1907—Concluded.
Balance Sheet of Companies in Operation in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME OF COMPANY.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
Appleton.....	Wisconsin T. L., H. & P. Co.....	\$70,000 00	\$688,550 00	\$14,710 92	\$3,310 00	.....	\$48,817 12	\$708,388 11
Ashtabula.....	Ashtabula Light, Power & St. Ry. Co.....	168,657 00	43,354 00	7,380 00	8,315 94	.....	5,394 45	131,091 39
Baraboo.....	Baraboo Light & Power Co.....	100,000 00	97,000 00	350 00	.....	.....	.....	197,350 00
Berlin.....	Berlin Water, Gas & Electric Co.....	210,000 00	245,000 00	103,348 32	.....	.....	9,738 90	568,137 31
Berlin.....	Berlin Gas Co.....	35,000 00	.....	30,217 32	.....	.....	858 07	65,075 39
Chippewa Falls.....	Chippewa Falls, W. W. & L. Co.....	40,000 00	20,000 00	2,735 61	.....	.....	341 47	63,297 11
Fau Claire.....	Fau Claire Gas Light Co.....	184,000 00	215,000 00	12,928 52	.....	.....	28,780 70	400,703 22
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.....	175,000 00	205,000 00	22,223 06	22,658 72	.....	5,032 84	519,894 62
Green Bay.....	Green Bay Gas & Electric Co.....	330,000 00	275,550 00	71,897 21	.....	.....	680,447 20	1,080,447 20
Janesville.....	New Gas Light Co.....	250,000 00	250,000 00	1,749 14	.....	.....	46,189 36	530,938 50
Kenosha.....	Kenosha Gas & Electric Co.....	168,000 00	108,000 00	18,897 31	4,542 98	.....	118,288 08	477,728 37
La Crosse.....	La Crosse Gas & Electric Co.....	192,000 00	320,000 00	159,417 48	7,080 00	.....	579,117 48	1,098,604 96
Madison.....	Madison Gas & Electric Co.....	192,160 00	240,200 00	55,737 44	12,891 80	.....	184,585 38	685,564 42
Manitowish.....	Manitowish Gas Co.....	220,000 00	172,000 00	21,483 82	.....	.....	3,198 75	418,683 57
Marquette.....	Monominee & Marinette L. & T. Co.....	24,500 00	10,000 00	56,163 09	.....	.....	804 45	71,407 54
Menomonie.....	Menomonie Gas Co.....	25,000 00	.....	783 45	.....	.....	1,722 27	27,502 72
Milwaukee.....	Milwaukee Gas Light Co.....	5,000,000 00	8,111,000 00	633,677 88	498,060 00	.....	97,691 24	14,251,339 12
Oshkosh.....	Oshkosh Gas Light Co.....	462,400 00	509,190 00	11,576 02	.....	.....	4,691 72	989,347 74
Portage.....	American Gas Co.....	40,000 00	40,000 00	41,451 30	.....	.....	8,959 09	130,910 39
Racine.....	Racine Gas Light Co.....	500,000 00	700,000 00	416,165 73	46,841 99	.....	53,105 65	1,716,053 37
Sheboygan.....	Sheboygan Gas Light Co.....	150,000 00	250,000 00	7,993 75	.....	.....	18,079 12	425,082 87
Stevens Point.....	Stevens Point Lighting Co.....	40,000 00	50,000 00	27,117 76	.....	.....	.....	117,117 76
Superior.....	Superior Water, Light & Power Co.....	186,800 00	308,765 00	29,461 00	19,110 05	.....	5,518 12	523,051 12
Watertown.....	Watertown Gas & Electric Co.....	100,000 00	100,000 00	26,990 69	2,038 99	.....	17,212 67	246,242 35
Waukesha.....	Waukesha Gas & Electric Co.....	65,000 00	180,000 00	28,740 78	.....	.....	.....	273,740 78
Wausau.....	Wausau Gas Co.....	200,000 00	138,000 00	30,183 18	.....	.....	.....	368,183 18
Total.....		\$9,207,127 00	\$13,115,549 00	\$1,700,747 87	\$539,280 27	\$296 95	\$639,490 54	\$25,211,311 63

* Includes \$4,800 accrued dividends on preferred stock.

TABLE VI.—GAS PLANTS, 1907.
Balance Sheet of Companies Operating in Municipalities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	ASSETS.		
		Capital assets.	Current accrued assets, and cash.	Deficit. Total.
Ripon.....	Ripon Light and Water Co.....	\$35,706 05	\$6,030 38	.....\$41,826 43
Stoughton.....	Stoughton Light and Fuel Co.....	156,871 85	9,326 41	.....167,331 09
Wauwatosa.....	Wauwatosa Gas Co.....	48,086 10	3,201 96	.....51,841 06
West Allis.....	West Allis Gas Co.....	143,270 53	2,850 80	.....46,221 33
Total.....		\$284,544 53	\$21,542 55	.....\$307,219 91

CITY.	NAME OF COMPANY.	LIABILITIES.		
		Capital stock.	Bonds.	Current and accrued liabilities. Surplus. Total.
Ripon.....	Ripon Light and Water Co.....	\$12,849 79		\$13,309 37\$15,477 27
Stoughton.....	Stoughton Light and Fuel Co.....	85,000 00		30,331 09.....
Wauwatosa.....	Wauwatosa Gas Co.....	45,000 00	\$43,000 00	3,038 103,204 96
West Allis.....	West Allis Gas Co.....	25,000 00		18,687 802,533 53
Total.....		\$167,849 79	\$43,000 00	\$75,054 36\$21,215 76

¹Includes \$15,000 stock subscription.

TABLE VII. GAS PLANTS, 1907.
Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.
Coal gas.

LOCATION.	NAME OF COMPANY.	Coal gas made, Cu. ft. during year.	Kinds of coal used.	Tons of coal used.	Cost of coal per ton in shed or storage.	Coke made during year, Tons.	Average price per ton of coke sold.	Coal gas tar made, (gals.)	Average price of tar sold, per gallon of	Other residues, lbs.	Average price received per unit sold.
Appleton	Wis. Trac. Light, Heat & Power Co.	30,424,000	Yough	5,775.31	\$4.25	4,037.11	.....	70,808	\$0.02	215,982	\$0.04
Ashland	Ashland Light, Power & Street Ry. Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Baraboo	Baraboo Lighting Co.	7,240,850	Yough	912.00	4.30	400.00	\$0.00	10,950	.03	.....	.....
Beloit	Beloit Water, Gas & Electric Co.	30,880,283	Pittsburg	3,914.40	4.17	2,539.47	5.50	51,375	.02	.....	.....
Berlin	Berlin Gas Co.	6,922,000	Yough	77.00	4.30	78.05	6.00	924	.03	.....	.....
Chippewa Falls	Chipp. Falls W. Wks. & Lighting Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Eau Claire	Eau Claire Gas Light Co.	30,076,000	Yough	3,335.00	4.25	1,433.00	5.07	42,001	.025	.....	.....
Fond du Lac	Eastern Wis. Ry. & Light Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Green Bay	Green Bay Gas & Elec. Co.	43,886,000	Yough	4,781.75	5.30	3,000.15	5.00	50,117	.02	.....	.....
Janesville	New Gas Light Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kenosha	Kenosha Gas & Elec. Co.	71,518,000	Yough	7,175.00	4.50	4,305.00	5.50	80,100	.025	.....	.....
La Crosse	La Crosse Gas & Elec. Co.	21,240,700	Yough	7,842.80	4.24	4,707.10	6.20	80,297	.024	.....	.....
Madison	Madison Gas & Elec. Co.	23,228,500	Yough	2,577.45	3.30	1,215.38	5.48	25,000	.017	.....	.....
Manitowish	Manitowish Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marquette	Men-Mar. Light & Trac. Co.	10,078,700	Y. Kavnake.	1,120.00	3.30	752.00	2.82	1,104	.042	.....	.....
Menomonie	Menomonie Gas Co. ¹	1,117,000,000	.....	115,518.80	2.87	82,818.14	4.81	1,572,804	.026	4305.671	.082
Milwaukee	Milwaukee Gas Light Co.	15,681,000	Yough	6,445.00	4.31	5,547.00	6.00	70,255	.025	217,685	.08
Oshkosh	Oshkosh Gas Light Co.	19,374,600	Yough	16,807.80	4.44	11,058.90	5.00	22,657	.022	.....	.....
Portage	American Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Racine	Racine Gas Light Co.	106,684,000	Yough	16,367.46	3.25	11,381.00	3.57	227,014	.028	400,407	.....
Ripon	Ripon Light & Water Co. ²	32,504,000	Pile Run.	4,157.20	3.20	1,076.00	4.15	40,051	.022	21,004	.048
Sheboygan	Sheboygan Gas Light Co.	3,925,000	Yough	495.00	4.85	500.00	5.50	9,900	.02	.....	.....
Stevens Point	Stevens Point Lighting Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stoughton	Stoughton Light & Fuel Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Superior	Superior Water, Light & Power Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Watertown	Watertown Gas & Elec. Co.	24,862,400	.....	2,280.00	4.35	1,482.00	4.00	22,800	.015	22,000	.....
Waukesha	Waukesha Gas & Elec. Co.	47,027,500	.....	4,001.15	3.98	3,272.27	4.35	64,776	.016	.....	.....
Wausau	Wausau Gas Co.	19,412,400	.....	2,024.41	4.42	1,212.50	5.50	24,180	.02	.....	.....
Wauwatosa	Wauwatosa Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
West Allis	West Allis Gas Co.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Make oil gas—no records. ² Ammonia. ³ Carbon. ⁴ Ammonia and carbon.

TABLE VII.—GAS PLANTS, 1907.—Continued.
Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.

LOCATION.	NAME OF COMPANY.	WATER GAS.				PURCHASED GAS.	
		Water gas made during year, Cu. ft.	Kinds of fuel used.	Amount of fuel used, Tons.	Water gas tar made, Galvs.	Price per gal. of tar sold.	Amount purchased, Cu. ft.
Appleton	Wis. Trac. Light, Heat & Power Co.	4,028,000	Coal, Coke, Brietze	463.11			
Ashland	Ashland Light, Power & St. Ry. Co.	18,400,000	Anthracite.	406.00			
Baraboo	Baraboo Lighting Co.						
Beloit	Beloit Water, Gas & Elec. Co.	733,100	Screenings.	10.00	305	\$0.01	
Berlin	Berlin Gas Co.						
Chippewa Falls.	Chipp. Falls W. Works & Lighting Co.	6,018,200	Slabs.		3,050		
Eau Claire	Eau Claire Gas Light Co.						
Fond du Lac	Eastern Wis. Ry. & Light Co.						
Green Bay	Green Bay Gas & Elec. Co.						
Janesville	New Gas Light Co.	48,444,425	Coal, Tar, Coke.	517.27	14,346	.01	
Kenosha	Kenosha Gas & Elec. Co.	73,300,000	Coal.	890.00	32,943	.02	7,736,800
LaCrosse	LaCrosse Gas & Elec. Co.						
Madison	Madison Gas & Elec. Co.	96,074,200			21,713	.024	
Manitowish	Manitowish Gas Co.						
Marquette	Mon., Mar. Light & Traction Co.						
Menomonie	Menomonie Gas Co. ¹						
Milwaukee	Milwaukee Gas Light Co.	149,279,000	Coke and Coal	3,778.14	104,302	.019	1,128,029,000
Oshkosh	Oshkosh Gas Light Co.						
Portage	American Gas Co.						
Racine	Racine Gas Light Co.						
Ripon	Ripon Light & Water Co. ¹						
Shelby	Shelby Gas Light Co.						
Stevens Point	Stevens Point Lighting Co.						
Stoughton	Stoughton Light & Fuel Co.						
Superior	Superior Water, Light & Power Co.	2,515,930	Mine Run.	44.00			48,977,000
Watertown	Watertown Gas & Elec. Co.						
Waukesha	Waukesha Gas & Elec. Co.						
Wausau	Wausau Gas Co.						
Wauwatosa	Wauwatosa Gas Co.						11,988,900
West Allis	West Allis Gas Co.						12,242,400

¹ Make oil gas no records. ² Also used 7,248 gallons of tar.

TABLE VII.—GAS PLANTS, 1907.—Continued.
Statistics of Production and Service Data of Companies Operating in Cities Over 5,000 Population.

LOCATION.	NAME OF COMPANY.	TOTALS.					SERVICE CONNECTIONS.			
		Total gas produced and purchased during year. Cu. ft.	Gas sold for all purposes. Cu. ft.	Average amount sold per day. Cu. ft.	Largest amount sold in one day. Cu. ft.	Smallest amount sold in one day. Cu. ft.	Percent of gas sold which is metered.	Number of gas aces.	Gas Engines. Approximate horse-power.	Total number consumers.
Appleton	Wis. Trac. Light, Heat & Power Co.	63,450,000	53,004,500	146,082	223,000	118,000	100	430		2,700
Ashland	Ashland Light, Power & St. Ry. Co.	18,400,000	16,324,000	50,450	78,600	39,400	100	177	6	738
Baraboo	Baraboo Lighting Co.	7,240,850	6,380,900	17,427	28,400	8,200	100	25	1	307
Beloit	Beloit Water, Gas & Elec. Co.	40,713,380	37,269,700	102,100	140,000	72,000	100	211		1,532
Berlin	Berlin Gas Co.	6,922,000	6,609,000	21,000	25,000	12,000	100	12	1	372
Chippewa F.	Chipp. Falls W. Wks & Lighting Co.	6,018,200	5,382,300	14,745	34,000	7,400	100	60		385
Fau Claire	Fau Claire Gas Light Co.	31,469,000	31,469,000	86,216	137,400	60,900	100	140	1	2,170
Fond du Lac	Eastern Wis. Ry. & Light Co.	39,076,000	33,776,700	92,538	175,000	59,000	100	352		2,221
Green Bay	Green Bay Gas & Elec. Co.	40,806,000	37,103,400	130,000	160,000	110,000	100	102		1,051
Janesville	New Gas Light Co.	48,444,425	45,454,000	124,531	183,900	91,700	100	338	1	2,480
Kenosha	Kenosha Gas & Elec. Co.	81,256,800	76,306,200	209,058			100	1225	3	2,527
Lacrosse	Lacrosse Gas & Elec. Co.	71,518,000	62,455,100	171,000	227,000	146,000	87.4	150	4	2,475
Madison	Madison Gas & Elec. Co.	171,100,900	150,812,200	400,016	477,000	230,000	100	98	3	4,000
Manitowoc	Manitowoc Gas Co.	23,228,500	21,312,500	87,000	122,700	51,600	100	1240	16	1,541
Marquette	Men. Mar. Light & Traction Co.	10,079,700	8,936,200	24,500	33,800	18,800	100	65		400
Menomonee	Menomonee Gas Co.	2,393,872,000	2,220,878,000	6,110,000	8,057,000	4,064,000	98.44	24	5	205
Milwaukee	Milwaukee Gas Light Co.	65,681,000	60,541,300	165,886	250,000	113,000	100	10,000	383	58,574
Oshkosh	Oshkosh Gas Light Co.	16,374,600	15,345,500	40,000	40,000	113,000	100	125	87	3,225
Portage	American Gas Co.	168,687,000	166,045,000	456,562	664,000	326,000	100	141	6	873
Racine	Racine Gas Light Co.						100	63	7	6,042
Ripon	Ripon Light & Water Co.	5,684,200	4,381,415	12,000	32,100	6,400	99	17	6	410
Sheboygan	Sheboygan Gas Light Co.	33,504,000	28,714,200	78,689	127,000	58,000	100	45	5	2,120
Stevens Point	Stevens Point Lighting Co.	9,925,000	7,894,000	21,600	40,000	15,000	100	8	2	508
Stoughton	Stoughton Light & Fuel Co.	2,955,930	2,324,900	15,000	20,000	11,000	100	51		251
Superior	Superior Water, Light & Power Co.	48,977,000	46,863,500	128,400	205,000	73,000	100	450	15	2,181
Watertown	Watertown Gas & Elec. Co.	24,863,400	20,503,000	56,337	75,688	37,791	95	60		1,151
Waukesha	Waukesha Gas & Elec. Co.	47,037,500	20,790,100	81,600	91,600	47,000	100	187	7	1,446
Wausau	Wausau Gas Co.	19,412,400	15,594,400	42,697			100	36	3	345
Wauwatosa	Wauwatosa Gas Co.	11,908,900						59		
West Allis	West Allis Gas Co.	12,242,400						59	3	345

¹ Estimated.

TABLE VIII.—GAS PLANTS, 1907.
Gas Distribution System Data—Mains—All Gas Companies.

NAME OF COMPANY.	SIZES OF MAIN PIPE.														Total length in feet.
	1"	1 1/4"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	16"	20"	24"	30"	
(Appleton) Wis. Trac. Lt., H. & P. Co.	2,500	8,823	3,444	60,639	4,980	167,365	32,882	2,029							283,582
Ashland Light, Power & St. Ry. Co.	9,172	30,682	5,217	50,193	10,056	3,828	2,635	335	700						112,814
Baraboo Lighting Co.															
Beloit Water, Gas & Elec. Co.	1,997	803	978	250	12,288	40,481	16,314	2,059							75,170
Berlin Gas Co.			650	21,500	8,500	4,200		500							35,350
Chipp. Falls Water Wks. & Lighting Co.		4,116	3,051	19,099	522	6,778	1,912	2,099							38,777
Eau Claire Gas Light Co.		12,255	3,831	44,195	62,853	48,653	3,151	3,151	1,186	928					180,304
(Fond du Lac) East Wis. Ry. & Lt. Co.		833	1,836	16,968	52,500	72,506	19,890		11,980						156,363
Green Bay Gas & Elec. Co.		2,350		30,975	70,800	44,200	24,500	9,500	2,100	180					186,205
(Janesville) New Gas Light Co.		24,148		13,885	19	17,096	71,029	15,521	2,738	130	2,512				147,078
Kenosha Gas & Elec. Co.				9,884		109,034	31,985		6,951						157,824
La Crosse Gas & Elec. Co.	255,000	2,500	2,100	60,000	80,000	39,000	17,500	2,000	1,900	1,200					468,000
Madison Gas & Elec. Co.				130,577	5,743	45,512	28,365	948	7,231	131	2,429				220,854
Manitowoc Gas Co.		1,160	800	20,770	3,570	60,820	8,850	1,320	2,850						100,230
Menominee-Marquette Lt. & Trac. Co.	750	1,100	1,900	7,100	16,500	11,390	10,200	1,418							50,046
Menomonie Gas Co.															
Milwaukee Gas Light Co.				3,830	114,400	1,283,418	299,835	4,704	171,449	97,681	75,029	39,341	21,322	2,021	2,113,219
Oshkosh Gas Light Co.				2,295	42,697	94,639	29,050	9,683	4,951						183,315
(Portage) American Gas Co.		1,731	5,893	17,444	28,412	10,124	4,505								68,080
Racine Gas Light Co.		452		5,144	58,101	162,628	53,675	60,580	7,894	6,281	2,615		247		370,050
Ripon Light & Water Co.	116,338	3,147	9,581	15,068	2,772	5,098	1,126								53,720
Sheboygan Gas Light Co.		2,368	21,611	6,450	76,483	24,872	900	4,725	80						140,200
Stevens Point Lighting Co.		4,775	8,500	7,350	27,675	2,100									55,650
Stoughton Light & Fuel Co.	256	3,116	440	10,240	18,496	7,744	768	192							50,980
Superior Water, Light & Power Co.				14,297	12,670	30,496	46,997	9,591	6,897						120,918
Watertown Gas & Elec. Co.	1,299	3,188	6,039	40,005	13,908	9,117	11,285	2,800	25						89,825
Waukesha Gas & Elec. Co.		4,406	3,447	12,771	60,854	17,965	6,527		904	564					107,418
Wausau Gas Co.		8,037		29,757	9,285	31,941									79,020
Wauwatosa Gas Co.			799		27,824	8,493	10,321	5,310	94						52,371
West Allis Gas Co.			2,994		11,305	5,701	3,120		6,828						29,508

Includes 1 inch mains.

Includes 1 inch and 1 1/4 inch mains.

Includes 5 inch mains.

* Includes 1 inch mains.

* Includes one inch mains.

* Includes 1 inch and 1 1/2 inch mains.

* Includes 5 inch mains.

TABLE IX.—GAS PLANTS, 1907.
Gas Distribution System Data—Meters—All Gas Companies.

NAME OF COMPANY.	SIZE OF METERS—LAMP CAPACITY.															Total num- ber of meters	Total lamp capac- ity.
	2	3	5	10	20	30	45	60	80	90	100	150	200	250	300		
(Appleton) Wis. Trac., L. H. & P. Co.		1,458	2,303	73	6	1		1								3,942	16,859
Ashland Light, Power & St. Ry. Co.		578	228	6	1							1				814	3,104
Baraboo Lighting Co.		320	9	4												354	1,045
Beloit Water, Gas & Electric Co.		157	1,327	26	14	6		2				1				1,534	8,196
Berlin Gas Co.			485	4												489	2,466
Chip. Falls Water Wks. & Lighting Co.		279	112	11	5	1	1									409	1,682
Eau Claire Gas Light Co.		1,151	1,057	55	13		3		2							2,281	9,843
(Fond du Lac) E. Wis. Ry. & Light Co.		310	1,749	26	21	2	2	1			2					2,113	10,765
Green Bay Gas & Electric Co.		1,870	1,185	54	23	10	2									3,144	12,905
(Janesville) New Gas Light Co.		646	1,758	44	27	9	11									2,495	12,473
Kenosha Gas & Electric Co.		298	3,225	26	13	7	4	2	1		2	3	2			3,583	19,179
La Crosse Gas & Electric Co.		749	1,966	38	20	4	3	2						2		2,786	13,932
Madison Gas & Electric Co.		1,369	3,006	115	27	13	16	9			11	1	3			4,003	24,417
Manitowoc Gas Co.		846	1,309	48	7	2	12	2						2		2,223	10,923
Menominee-Mar. Light & Trac. Co.		195	289	3	1		1									489	2,125
Menominee Gas Co.		298	16	4	1											314	1,019
Milwaukee Gas Light Co.		3,647	79,730	2,134	920	319	357	141		99	72	22	81		3	87,527	526,056
Oshkosh Gas Light Co.		684	4,354	37	16	16	8	2			3				2	5,122	26,372
(Portage) American Gas Co.		281	576	12	1	3										873	3,953
Racine Gas Light Co.	1	3,223	5,991	114	57	37	26	9		4	15		3			9,480	47,186
Ripon Light & Water Co.		413	4	5	1											423	1,329
Sheboygan Gas Light Co.		463	1,583	54	15	1	3		1		1					2,120	10,459
Stevens Point Lighting Co.		627	85	2	1											725	2,306
Stoughton Light & Fuel Co.		40	228	6		1	1									276	1,366
Superior Water, Light & Power Co.		866	1,827	42	8	6	4	5			3	1				2,762	13,423
Watertown Gas & Electric Co.		1,187	438	39	10	1		3	1							1,678	7,788
Waukesha Gas & Electric Co.		436	954	31	15	1	4				3				2	1,446	7,796
Wausau Gas Co.		399	745	23	6	4										1,147	5,302
Wauwatosa Gas Co.			426	14	2											445	2,310
West Allis Gas Co.			525	13	4		2	1			1	1	4			551	4,035

TABLE I.—WATER WORKS, 1907.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME.	OPERATING REVENUES.					Total.
		Public service.	Commercial service.	Miscellaneous receipts.	Deduct discounts, etc.		
	COMPANIES.						
Antigo.....	Antigo Water Co.....	\$5,785 00	\$0 749 57	.....	.....	\$15,534 57
Appleton.....	Appleton Water Works Co.....	(1)	21,122 82	\$464 69	877 41	21,586 10	
Ashland.....	Ashland Water Co.....	14,882 92	40,012 33	753 31	620 37	55,028 19	
Beaver Dam.....	Beaver Dam Water Co.....	5,578 08	8,900 36	.....	.....	14,478 44
Beloit.....	Beloit Water, Gas & Electric Co.....	9,382 75	26,158 20	305 00	622 24	35,268 71	
Chippewa Falls.....	Chippewa Falls Water Works & Light Co.....	8,300 00	16,837 42	280 00	.....	25,417 42
Eau Claire.....	Eau Claire Water Co.....	8,514 72	25,326 96	1,169 34	.....	35,011 02
Fond du Lac.....	Fond du Lac Water Co.....	15,375 07	24,031 00	1,442 80	31 63	40,817 04	
Green Bay.....	The Green Bay Water Co.....	10,510 56	38,467 12	1,681 00	.....	50,638 68
Janesville.....	Janesville Water Co.....	7,500 00	29,586 75	513 02	166 23	37,433 54	
Manitowoc.....	Manitowoc Water Works Co.....	8,687 50	24,828 22	4,137 07	.....	37,452 79
Marquette.....	City Water Works Co.....	10,400 00	30,489 73	125 00	381 83	40,832 90	
Menomonie.....	Menomonie Water Works Co.....	5,500 00	5,964 70	.....	.....	11,464 70
Merrill.....	City Water Works Co.....	7,500 00	12,475 87	225 00	.....	20,200 87
Oconto.....	City Water Supply Co.....	7,141 65	7,212 00	.....	9 50	14,344 15
Oshkosh.....	Oshkosh Water Works Co.....	17,644 76	43,889 81	2,800 45	.....	64,335 02
Racine.....	The Racine Water Co.....	18,728 57	86,542 25	1,804 65	2,580 26	104,465 21	
Sheboygan.....	City Water Co.....	13,282 49	58,205 00	870 80	220 49	72,115 90	
Stevens Point.....	Stevens Point Water Co.....	5,810 00	8,500 00	400 00	.....	14,710 00
Superior.....	Superior Water, Light & Power Co.....	24,385 83	60,643 39	.....	.....	85,029 22
Washburn.....	Washburn Water Works Co.....	5,300 00	7,387 63	259 32	.....	12,946 95
Total.....		\$210,178 90	\$586,536 13	\$17,231 35	\$4,689 06	\$800,249 42	

¹ Amount to be paid in litigation.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.

CITY.	NAME.	OPERATING REVENUES.				
		Public service.	Commercial service.	Miscellaneous receipts.	Deduct discounts, etc.	Total.
MUNICIPAL PLANTS.						
Baraboo.....	City Water Works.....	\$277 87	\$12,086 22	\$474 55	\$13 85	\$13,424 79
Berlin.....	"	4,500 00	3,862 02	.....	.....	8,362 02
De Pere.....	"	4,150 00	3,808 85	63 00	.....	8,021 85
Grand Rapids.....	"	.....	6,251 50	205 00	.....	6,456 50
Kaukauna.....	"	1,900 00	2,968 78	525 00	.....	5,393 78
Kenosha.....	"	9,204 00	40,498 70	6,865 86	52 68	56,513 86
La Crosse.....	"	37,692 27	37,692 27	.....	.....	37,692 27
Madison.....	"	.....	33,589 80	3,987 02	.....	37,576 82
Marshfield.....	"	5,360 00	6,361 08	91 00	.....	11,832 06
Menasha.....	"	.....	1,876 53	1,275 85	.....	3,152 48
Milwaukee.....	"	26,342 51	538,513 59	41,722 23	.....	604,578 33
Neenah.....	"	6,477 31	5,685 37	2,005 66	12 50	14,155 84
Portage.....	"	.....	7,822 55	.....	.....	7,822 55
Rhinelander.....	"	.....	6,457 35	.....	.....	6,457 35
Two Rivers.....	"	3,199 47	4,040 27	.....	.....	7,239 74
Watertown.....	"	.....	9,168 81	900 00	.....	10,068 81
Waukesha.....	"	6,420 00	13,178 04	1,888 66	50 71	21,435 99
Wausau.....	"	.....	24,672 11	350 00	28 58	24,983 53
Total.....	Total.....	\$67,831 16	\$757,069 64	\$80,353 93	\$158 32	\$885,068 61

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.			DISTRIBUTION EXPENSE.				GENERAL EXPENSE.			Total.		
	Labor.	Supplies and ex- pense.	Main- tenance.	Total.	Labor.	Sup- plies and ex- pense.	Main- tenance.	(Gra- tuitous work.	Total.	Salaries.		Sup- plies and ex- pense.	Total.
COMPANIES.													
Antico Water Co.	\$1,132.44	\$1,506.40	\$180.92	\$2,819.76					\$59.15	\$2,110.70	\$301.01	\$2,411.71	\$5,290.68
Appleton Water W. Co.	2,726.11	4,735.76	1,023.31	8,485.18	\$988.54	\$275.36	687.68		1,656.60	2,230.00	1,196.04	3,426.04	13,571.42
Ashland Water Co.	2,340.00	3,565.68	565.21	6,460.89	1,326.30	727.01	389.57		2,643.78	5,084.60	1,770.13	6,860.82	15,765.49
Beaver Dam Water Co.	365.00	2,980.01		3,345.01	960.00	576.68	268.21		1,805.89	734.54	150.00	904.54	6,255.44
Beloit Water, G. & E. Co.	2,376.65	5,273.90	1,203.73	8,853.97		11.78	408.36	\$128.07	348.10	3,205.83	1,828.30	5,034.33	14,436.49
Chippewa F. W. W. & L. Co.				2,955.00					450.00			1,364.17	4,768.17
Eau Claire Water Co.	1,920.00	838.50	1,162.12	3,920.62	3,003.75	280.02	679.66		3,972.43	2,800.00	2,023.38	5,426.38	13,319.43
Fond du Lac Water Co.	2,750.00	1,980.01	275.54	5,005.55	1,728.55	194.14	1,069.62		3,892.11	4,445.00	407.65	4,852.68	13,500.32
The Green Bay W. Co.	2,864.34	7,021.83	2,004.03	12,890.20	1,023.45	1,071.82	3,431.73		5,526.70	2,739.71	847.36	3,547.07	21,614.57
Janesville Water Co.	2,100.00	4,450.34	348.52	7,157.86	2,950.00	397.06	180.26	33.80	3,551.12	4,900.00	2,252.47	7,032.47	17,741.45
Manitowoc W. W. Co.	1,190.00	2,498.46	143.26	3,831.72	2,197.96	150.60	1,427.32		3,775.88	7,390.00	2,706.31	10,086.31	17,683.96
Mia Inette City W. W. Co.	2,654.20	5,428.27	660.21	8,742.68	415.00		280.81		695.81	3,785.37	801.52	4,676.89	14,115.38
Menomonee W. W. Co.	1,565.00	2,138.13	256.77	3,959.90			12.85		12.85	900.00	140.88	1,040.88	3,993.63
(Merrell) City W. W. Co.	1,467.26	5,060.70	672.10	7,200.06	432.25		513.68		965.93	1,336.61	473.65	1,810.26	10,002.25
(Ontonio) City W. S. Co.	1,060.00	4,176.02	130.38	5,366.40			564.34		564.34	760.00	144.04	904.04	6,863.78
Oshkosh Water W. Co.	3,080.34	8,417.26	700.64	12,207.34	1,839.96	283.00	208.20		2,331.16	3,350.00	1,772.00	5,122.06	19,690.56
The Racine Water Co.	3,500.01	3,836.51	1,432.10	8,778.62	1,208.63		3,134.93		4,343.56	12,494.02	1,296.83	23,772.85	36,804.43
(Shelbourn) City W. Co.	3,522.82	4,367.67	665.10	8,555.59	411.25		368.22		804.47	8,531.81	1,986.79	10,518.60	19,562.66
Stevens Point Water Co.	3,063.70	2,827.04	421.48	4,412.22			180.36	77.00	257.36	2,250.00	412.94	2,662.94	7,352.60
Superior W. L. & T. Co.	3,766.18	8,817.80	3,340.62	16,924.60	2,307.33	274.25	2,865.06		4,946.64	4,651.83	2,403.17	7,155.00	29,029.33
Washburn Water W. Co.	1,341.06	2,061.86	262.70	3,665.62			231.90		231.90	440.00	222.74	622.74	4,526.51
Total.....	\$41,778.13	\$63,741.33	\$15,456.97	\$143,931.63	\$30,680.77	\$4,251.32	\$17,412.64	\$238.87	\$43,043.60	\$74,000.17	\$3,800.00	\$100,233.42	\$296,308.65

¹Total includes \$2,955.00 unapportioned expense. ²Total includes \$150.00 unapportioned expense. ³Total includes \$1,304.17 unapportioned expense.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.			DISTRIBUTION EXPENSE.			GENERAL EXPENSE.				
	Labor.	Supplies and expense.	Maintenance.	Total.	Labor.	Sup-Diles and ex-pense.	Main-tutious and ex-tenance. work.	Total.	Salaries.	Sup-Diles and ex-pense..	Total.
MUNICIPAL PLANTS.											
Baraboo, City Wat. Wks.	\$1,020 00	\$642 27	\$322 96	\$1,985 23	808 51	.....	\$238 17	\$334 65	\$1,200 00	\$210 35	\$1,410 35
Berlin.....	400 00	1,188 49	.....	2,088 49	.....	.....	.....	812 93	525 74	80 23	606 21
Devere.....	432 50	56 74	1,811 27	2,300 51	600 00	.....	212 93	1,116 87	.....	.....	4,007 52
Gr. Rapids.....	.....	.....	.....	2,800 45	.....	.....	.....	901 65	.....	39 70	3,010 81
Kaukauna..	870 00	1,464 59	334 87	2,669 46	.....	.....	.....	.....	.....	.....	.....
Kenosha.....	3,419 96	6,505 51	5,355 27	15,280 74	1,590 00	\$117 00	168 00	1,822 00	1,080 00	230 88	18,393 63
La Crosse.....	7,007 24	5,322 44	323 50	12,653 20	2,131 64	758 02	1,422 88	4,392 54	.....	17,055 74	23,090 75
Madison.....	6,240 00	4,502 66	3,032 06	13,774 72	2,440 00	.....	2,210 23	4,850 23	2,300 00	571 80	7,722 03
Marshfield.....	1,212 00	2,545 00	1,200 00	5,048 20	983 00	.....	41 85	1,025 55	838 50	104 92	2,411 89
Menasha.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee.....	46,458 03	36,178 76	10,622 53	93,259 32	50,155 52	4,210 14	3,138 13	57,501 79	54,984 55	6,089 37	211,815 03
Neenah.....	4,800 00	2,304 20	706 91	7,811 11	1,134 53	1,281 33	763 57	3,199 43	129 05	849 08	7,741 82
Portage.....	1,980 00	2,044 40	302 00	4,326 40	.....	.....	893 27	893 27	300 00	148 05	6,560 22
Rhodes.....	1,492 86	3,016 66	.....	4,509 52	.....	.....	160 00	160 00	400 00	32 25	5,511 77
Two Rivers.....	406 50	563 20	5 20	1,504 90	.....	.....	2,237 30	2,237 30	100 00	76 50	3,918 70
Watertown.....	2,050 00	5,528 21	107 44	7,685 65	.....	.....	192 65	192 65	300 00	60 00	8,238 30
Waukesha.....	4,342 50	8,508 13	220 14	13,069 68	.....	.....	938 64	938 64	300 00	324 80	14,443 19
Wausau.....	3,000 00	3,013 68	339 25	6,352 94	1,131 22	177 21	658 40	1,866 86	800 00	170 94	9,230 74
Total.....	\$32,542 30	\$86,414 25	\$24,706 23	\$198,553 43	\$60,464 02	\$6,543 73	\$14,191 87	\$82,316 49	\$63,809 03	\$8,368 64	\$172,177 87
Total.....	\$353,459 68										

¹Total includes \$2,800.65 unapportioned expense. ²Total includes \$1,116.87 unapportioned expense. ³Total includes \$2,411.89 unapportioned expense.

TABLE I.—WATER WORKS, 1907—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.			DISTRIBUTION EXPENSE.				GENERAL EXPENSE.			Total.		
	Labor.	Supplies and expense.	Main-tenance.	Total.	Labor.	Sup-plies and ex-pense.	Main-tenance.	Gra-tuitous work.	Total.	Salaries.		Sup-plies and ex-pense.	Total.
COMPANIES.													
Antiko Water Co.....	\$1,132 44	\$1,506 40	\$180 92	\$2,819 76	.....	.....	\$59 15	.....	\$2,110 70	\$301 01	\$2,411 77	\$5,290 68
Appleton Water W. Co.....	2,726 11	4,735 76	1,023 31	8,485 18	.....	.....	697 68	.....	2,230 00	1,196 64	3,426 64	13,571 42
Ashland Water Co.....	2,300 00	3,565 68	345 21	6,210 89	.....	.....	389 57	.....	5,064 00	1,776 13	6,840 13	13,705 49
Beaver Dam Water Co.....	545 00	2,980 01	.....	3,525 01	.....	.....	208 21	.....	734 34	150 00	884 34	6,253 44
Beloit Water, G. & E. Co.	2,375 65	5,273 99	1,203 93	8,853 57	.....	.....	408 36	\$128 07	3,205 83	1,828 50	5,034 33	14,438 49
Chip'wa F. W. W. & L. Co.	.....	.....	.....	2,955 00	.....	.....	.....	.....	450 00	.....	450 00	4,760 17
Fau Chaire Water Co.....	1,920 00	838 50	1,162 12	3,920 62	.....	.....	679 66	.....	2,800 00	2,056 36	4,856 36	13,319 43
Fond du Lac Water Co.....	2,750 00	1,980 01	275 54	5,005 55	.....	.....	1,969 62	.....	4,445 00	407 66	4,852 66	13,750 32
The Green Bay Water Co.....	2,634 34	7,621 83	2,004 63	12,260 80	.....	.....	3,431 73	.....	2,739 71	807 36	3,547 07	21,614 57
Janesville Water Co.....	2,100 00	4,459 34	548 52	7,107 86	.....	.....	100 26	33 80	4,800 00	2,232 47	7,032 47	17,741 45
Manitowoc W. W. Co.....	1,190 00	2,498 46	143 29	3,831 75	.....	.....	1,457 32	.....	2,700 31	10,084 31	12,784 62	17,683 96
(Ma Inette) City W. W. Co.	2,654 20	5,428 27	680 21	8,762 68	.....	.....	280 81	.....	3,785 37	830 52	4,615 89	14,115 38
Menomonee W. W. Co.....	565 00	2,138 13	228 77	2,931 90	.....	.....	12 85	.....	900 00	140 89	1,040 89	3,983 63
(Merrill) City W. W. Co.	1,497 26	5,000 70	672 10	7,170 06	.....	.....	513 68	.....	1,336 01	473 65	1,809 66	10,003 25
(Oxonto) City W. S. Co.....	1,080 00	4,176 02	130 38	5,386 40	.....	.....	564 34	.....	700 00	144 04	844 04	6,863 78
Oshkosh Water W. Co.....	3,080 34	8,417 36	700 64	12,207 34	.....	.....	208 20	.....	3,350 00	1,772 00	5,122 00	19,630 56
The Racine Water Co.....	3,500 01	3,826 51	1,452 10	8,778 62	.....	.....	3,124 63	.....	12,434 02	11,266 83	23,700 85	38,804 73
(Sheboygan) City W. Co.....	3,232 82	4,397 67	605 10	8,235 59	.....	.....	338 22	.....	8,000 00	1,960 70	9,960 70	19,583 66
Stevens Point Water Co.....	1,063 70	2,927 06	431 48	4,422 24	.....	.....	180 30	77 00	257 30	2,250 00	2,507 30	7,382 60
Superior W. L. & P. Co.....	3,769 18	9,817 89	3,340 62	16,927 69	.....	.....	274 25	.....	4,651 83	2,503 17	7,155 00	29,029 53
Washburn Water W. Co.....	1,341 06	2,061 89	262 70	3,665 65	.....	.....	231 90	.....	4,400 00	222 74	4,622 74	4,520 31
Total.....	\$41,778 13	\$63,741 53	\$15,456 97	\$143,976 63	\$20,680 77	\$4,251 32	\$17,412 64	\$2,88 87	\$43,043 60	\$7,400 17	\$50,443 77	\$296,208 65	

*Total includes \$2,185.00 unapportioned expense. *Total includes \$150.00 unapportioned expense. *Total includes \$1,384.17 unapportioned expense.

TABLE I.—WATER WORKS, 1907.—Continued.
Income Account of Plants Operating in Cities of Over 5,000 Population.
Operating expenses.

NAME.	PUMPING STATION EXPENSE.			DISTRIBUTION EXPENSE.			GENERAL EXPENSE.		
	Labor.	Supplies and expense.	Maintenance.	Total.	Labor.	Supplies and expense.	Maintenance.	Total.	Total.
MUNICIPAL PLANTS.									
Baraboo, City Wat. Wks.	\$1,020 00	\$842 27	\$322 96	\$1,885 23	\$98 51	.....	\$238 17	.....	\$334 08
Berlin.....	900 00	1,198 69	.....	2,098 69	.....	.....	.....	.....	\$1,200 00
Deperre.....	432 50	56 74	1,811 27	2,320 51	600 00	.....	212 93	.....	525 98
Gr. Rapids.....	.....	.....	.....	2,860 65	.....	.....	901 65	.....	1,116 87
Kaukauna.....	570 00	1,464 59	334 87	2,669 46	.....	.....	.....	.....	39 70
Kenosha.....	3,419 96	6,505 51	5,355 27	15,280 74	1,530 00	\$117 00	168 00	.....	1,622 00
La Crosse.....	7,097 25	5,332 44	233 50	12,663 20	2,181 64	758 02	1,422 86	.....	4,362 54
Madison.....	6,240 00	6,562 66	3,052 06	15,854 72	2,640 00	.....	2,210 23	.....	4,850 23
Marshfield.....	1,212 60	2,545 60	1,240 00	5,048 20	983 60	.....	41 95	.....	1,025 55
Menasha.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee.....	46,458 03	36,178 76	10,622 53	93,259 32	50,155 52	4,210 14	3,138 13	.....	57,501 79
Neenah.....	680 00	2,294 20	708 94	3,683 14	1,134 53	1,281 33	783 57	.....	3,189 43
Portage.....	1,080 00	2,944 90	302 00	5,226 90	.....	.....	883 37	.....	883 37
Rhinelander.....	1,902 86	3,016 66	.....	4,919 52	322 00	.....	160 00	.....	160 00
Two Rivers.....	906 50	563 20	5 20	1,504 90	.....	.....	2,237 30	.....	2,237 30
Watertown.....	2,050 00	5,528 21	107 44	7,685 65	.....	.....	102 65	.....	182 65
Waukesha.....	4,342 56	8,506 13	220 94	13,069 63	.....	.....	938 64	.....	938 64
Wausau.....	3,000 00	3,013 68	339 25	6,352 94	1,131 22	177 21	658 40	.....	1,866 86
Total.....	\$82,542 30	\$96,414 25	\$24,706 23	\$198,553 43	\$80,464 02	\$6,543 73	\$14,191 87	.....	\$82,316 49

*Total includes \$2,890.65 unapportioned expense. *Total includes \$1,116.87 unapportioned expense. *Total includes \$2,411.89 unapportioned expense.

*Total includes \$2,411.89 unapportioned expense. *Total includes \$2,411.89 unapportioned expense. *Total includes \$2,411.89 unapportioned expense.

TABLE I.—WATER WORKS, 1907.—Continued.
Income Account of Plants Operating in Cities of Over 5000 Population.

NAME.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.			Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.	Total.		
COMPANIES.											
Antigo Water Co.....	\$10,243 80		\$10,243 80	\$1,414 87		\$1,414 87					\$8,829 02
Appleton Water Works Co.....	7,558 08		7,558 08	5,215 49		13,203 49					45,246 81
Ashland Water Co.....	30,282 70		30,282 70	12,000 00	13,548 17	25,555 07			\$7,060 28		5,747 35
Beaver Dam Water Co.....	8,223 00		8,223 00	1,780 94	3,030 00	4,810 94	\$2,000 00		2,000 00		1,412 06
Beloit Water, Gas & Electric Co.	20,767 22	\$169 72	20,936 94	2,558 84	17,811 74	20,470 58				\$2,400 00	41,993 64
Chippewa Falls W. W. & L. Co..	20,648 25		20,648 25	2,525 00	9,540 00	12,065 00		1,000 00	1,000 00		7,583 25
Eau Claire Water Co.....	21,091 50		21,091 50		15,800 55	15,800 55					5,892 04
Fond du Lac Water Co.....	27,006 72		27,006 72	3,536 90	10,816 75	14,473 55	4,225 28	8,376 09	12,601 37		48 00
The Green Bay Water Co.....	20,004 11		20,004 11	3,085 77	17,748 00	21,443 77					7,560 34
Janesville Water Co.....	19,092 09		19,092 09	2,905 00	6,652 92	9,317 92		10,542 47	10,542 47		4,108 30
Manitowoc Water Works Co....	19,958 83		19,958 83	1,775 37	12,437 50	14,212 87					5,745 96
(Marquette) City Water W. Co..	26,717 52		26,717 52	6,088 78	17,333 33	23,422 11		540 15	540 15		2,746 26
Menomonie Water Works Co....	7,501 07		7,501 07	2,109 91	3,542 27	5,612 18					1,568 80
(Merrill) City Water Works Co..	10,203 62		10,203 62	2,102 70	8,709 58	10,872 28					4,608 06
(Oconto) City Water Supply Co.	7,400 37		7,400 37	2,327 80		2,327 80			2,000 00		3,152 77
Oshkosh Water Works Co.....	44,674 46		44,674 46	6,521 36		6,521 36					38,153 10
The Racine Water Co.....	67,500 48		67,500 48	8,375 50	40,938 11	55,353 70			8,000 00		4,256 78
(Sheboygan) City Water Co....	52,552 24		52,552 24	6,116 94	42,252 81	48,369 75					4,182 49
Stevens Point Water Co.....	7,377 40		7,377 40	1,419 10	5,012 50	6,431 60		892 10	892 10		52 10
Superior Water, Light & P. Co..	35,000 89		35,000 89	6,923 52	38,753 50	45,657 02	7,500 00		7,500 00		2,842 87
Washburn Water Works Co.....	8,428 04		8,428 04	2,207 75	6,000 00	8,207 75					128 80
Total.....	\$613,040 77	\$169 72	\$613,210 49	\$81,548 03	\$283,006 75	\$13,725 28	\$29,320 89	\$43,046 17	\$12,400 00		\$91,849 56

¹Includes rent \$120.00. ²Includes rent \$250.00. ³Total includes \$370.00 rent. ⁴Deficit.

TABLE I.—WATER WORKS, 1907—Concluded.
Income Account of Plants Operating in Cities of Over 3000 Population.

NAME.	Net operating revenue.	Income from sources other than operation.	Gross income.	FIXED CHARGES.			RESERVES.		Dividends.	Surplus or deficit.
				Taxes.	Interest.	Total.	Depreciation.	Other reserves.			Total.
MUNICIPAL PLANTS.										
Baraboo.....	\$9,694.33	\$130.48	\$9,825.01		\$6,400.00	\$6,400.00				\$3,225.01
Berlin.....	6,224.33		6,224.33		4,500.00	4,500.00				1,724.33
De Pere.....	4,282.20		4,282.20		2,882.00	2,882.00				1,400.20
Grand Rapids.....	2,448.68		2,448.68		2,790.00	2,790.00		\$1,600.50		\$1,947.58
Kaukauna.....	1,782.97		1,782.97		3,750.00	3,750.00		1,145.22		\$2,112.25
Kenosha.....	38,120.25	403.50	38,523.75		4,100.00	4,100.00				34,423.75
La Crosse.....	20,576.33		20,576.33		7,400.00	7,400.00				13,176.33
Madison.....	13,970.07	5,000.00	18,970.07		7,800.00	800.00		5,000.00		13,170.07
Marshfield.....	4,754.91		4,754.91		4,439.75	4,439.75				\$315.16
Menasha.....	740.39		740.39		3,267.40	3,267.40				\$2,526.81
Milwaukee.....	302,763.30	48,200.77	350,964.07		8,462.50	734,012.50		256,137.25		148,823.32
Neshanah.....	6,414.22		6,414.22		2,800.00	2,800.00				3,614.22
Portage.....	1,243.33		1,243.33		855.00	855.00				3,398.33
Rhinelander.....	1,045.58		1,045.58		4,000.00	4,000.00		13,071.10		\$17,115.68
Two Rivers.....	3,321.04		3,321.04		1,900.00	1,900.00				1,421.04
Watertown.....	1,828.51		1,828.51		3,375.00	3,375.00		1,828.51		\$3,375.00
Waukesha.....	6,702.80		6,702.80		1,500.00	1,500.00		3,808.08		1,498.72
Wausau.....	15,702.79		15,702.79		12,000.00	12,000.00				3,702.79
Total.....	\$531,626.93	\$51,803.75	\$583,430.68		\$76,711.65	\$102,661.65		\$282,594.72		\$198,774.31

*Includes \$25,350.00 contributed to general city fund. *Deficit.

TABLE II.—WATER WORKS, 1907.
Income Account of Companies Operating in Cities of Less Than 5,000 Population.

CITY.	NAME OF COMPANY.	OPERATING REVENUES.					OPERATING EXPENSES.				
		Public service.	Commer- cial service.	Miscel- laneous income.	Deduct discounts etc.	Total.	Pumping station.	Distri- bution.	General.	Total.	
Iron River...	Iron River Water, Light and Power Co...	\$3,042 00	\$4,584 00			\$7,626 00	\$1,773 00	\$1,371 00	\$2,900 13	\$3,044 13	
Lake Geneva...	Lake Geneva Water and Light Co...	3,617 70	6,067 40	\$1,065 71		10,790 81	4,154 46	1,318 87	253 03	5,726 36	
Mellen...	Mellen Water and Light Co...	3,576 00	1,497 00			2,073 00	1,525 00		66 89	1,591 88	
Ripon...	Ripon Light and Water Co...	4,876 30	8,223 97	355 90	\$1,060 42	12,365 75	1,825 50	480 50	1,554 71	3,660 80	
Whitewater...	Whitewater Water Works Co...	4,659 12	5,063 70	125 00		9,267 82	2,521 24	47 80	1,188 25	3,737 29	
Total.....		\$16,171 12	\$25,476 07	\$1,566 61	\$1,060 42	\$42,153 38	\$11,509 20	\$3,218 26	\$5,943 00	\$20,760 46	

CITY.	NAME OF COMPANY.	Net operat- ing revenue.	Income from sources other than opera- tion.	Gross Income.	FIXED CHARGES.			RESERVES.		Divi- dends.	Surplus or deficit.
					Taxes.	Interest.	Total.	Depre- ciation.	Other reserves.		
Iron River...	Iron River W. L. and P. Co...	\$1,581 87		\$1,581 87	\$109 00	\$1,000 00	\$1,101 00				\$472 87
Lake Geneva...	Lake Geneva W. and L. Co...	5,004 45		5,286 45	533 88	3,658 14	4,192 02				1,103 43
Mellen...	Mellen Water and Light Co...	4,491 12		4,811 12	62 50	290 00	342 50				138 62
Ripon...	Ripon Light and Water Co...	9,734 06	76 98	8,811 93	658 44	4,462 30	5,120 74			\$2,489 61	1,201 58
Whitewater...	Whitewater Water Works Co...	5,530 53		5,530 53	795 89	4,365 00	5,160 88		\$410 81		41 16
Total.....		\$21,302 92	\$307 98	\$21,700 90	\$2,159 70	\$13,765 44	\$15,925 14		\$410 81	\$2,489 61	\$2,875 34

¹ Deficit.

TABLE III.—WATER WORKS, 1907.
Income Account of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	OPERATING REVENUES.			OPERATING EXPENSES.				Net operating revenue or deficit. ¹	Income from sources other than operation.	Gross income or deficit. ¹	Interest.	Re-serves.	Surplus or deficit. ¹
	Public service.	Commercial service.	Miscellaneous income, etc.	Deduct dis- counts, etc.	Total.	Pump- ing station.	Distri- bution.	General.	Total.				
Algoma.....	\$1,486 00	\$1,119 95			\$2,605 95	\$2,720 00			\$2,720 00	-\$114 05	\$4,275 00		-4369 05
Arcadia.....	575 00	661 65			1,236 65	1,190 77		\$228 63	1,419 40	75 65	450 00		-374 35
Bayfield ²	300 00	1,230 33	\$265 00		1,530 33	2,167 40	\$39 00	556 00	2,762 40	1,232 07	350 00		-1582 07
Black River Falls.....	420 00	2,502 54			2,922 54	1,675 82	240 58		1,916 40	1,006 14			1,006 14
Brodhead.....		600 00			600 00	680 00			680 00	-80 00			-80 00
Burlington.....		2,687 84		\$22 50	2,665 34	2,775 17			2,775 17	-109 83			-109 83
Clinton.....		650 00			650 00	653 00			653 00	-5 00	100 00		-105 00
Columbus.....	1,475 00	1,742 47	134 76		3,352 23	1,806 32	104 55	362 00	2,272 87	1,079 36	1,125 00	\$700 00	-745 94
Cuba City.....	750 00	1,500 00			1,500 00				680 00	820 00	500 00		320 00
Cumberland.....	12 00	1,044 61			1,056 61	2,061 81		124 26	2,186 07	-1,129 46			-1129 46
Darlington.....	25 00	2,070 75	40 00		2,135 75	930 00		104 65	1,034 65	1,101 10	750 00		351 10
Deerfield.....		185 53			185 53	128 07	9 00		137 07	58 48	105 00		-46 52
Delavan.....	168 65	2,139 96	100 00		2,408 61	2,669 32			2,669 32	-280 71	400 00		-680 71
Dodgeville.....		1,041 76			1,041 76				650 00	391 76	800 00		-408 24
Edgerton.....	2,396 08	3,608 95	50 00		6,045 03	2,182 46		137 50	2,319 96	3,725 07	1,650 00	1,006 90	1,068 27
Elkhorn.....	2,700 00	2,709 48	100 00		5,509 48	2,632 20		132 00	2,764 20	2,745 28	750 00	1,050 00	945 28
Elsworth.....		778 10	69 12		847 22	649 80	5 50		655 30	191 92	600 00		-408 08
Elroy.....		5,043 32	36 00		5,079 32	2,490 00			2,490 00	2,569 32	500 00		2,069 32
Evansville.....	2,015 00	1,429 88	50 00		3,494 88	1,472 28	183 52	60 00	1,715 80	1,779 18	1,600 00		179 18
Fennimore.....		600 00	10 00		610 00	1,150 00		12 00	1,162 00	-552 00	637 50		-1169 50
Fort Atkinson.....	1,956 69	2,754 58	400 00		5,111 27	2,213 89		21 00	2,234 89	2,876 38	112 00		2,764 38
Glenwood.....		817 88			817 88	1,073 75			1,073 75	-255 87	105 00		-420 87
Hudson.....		5,481 53	324 79		5,806 32	2,377 14	1,300 55	350 00	4,027 69	1,778 63	930 00		948 63
Jefferson.....		1,759 24	350 00		2,109 24	900 00	954 46		1,854 46	254 78	1,448 50		-1193 72
Juneau.....	75 00	1,068 68			1,144 68	1,243 81		20 40	1,264 21	-119 67	450 00		-569 67

¹ Amounts marked with a minus sign (-) signify deficit.² In operation six months only.

TABLE III.—WATER WORKS, 1907.—Continued.
Income Account of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	OPERATING REVENUES.				OPERATING EXPENSES.				Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	Interest.	Reserve.	Surplus or deficit.
	Public service.	Commercial service.	Miscellaneous income.	Deduct disbursements, etc.	Total.	Pump-ing station.	Distribution.	General.	Total.					
Kiel.	1,507 67	529 54	412 33		2,539 54	938 43	487 88	12 00	1,438 31	1,081 23	1,081 23	1,100 00		-18 77
Lake Mills.	1,000 00	1,000 00			2,000 00	970 00	30 00		1,000 00			252 50		-252 50
Lancaster.	441 16	3,258 84			3,700 00	2,074 41	150 80	100 00	2,325 21	1,374 79	1,374 79	1,000 00		374 79
Lodi.	1,005 00	943 73	96 00		1,944 73	1,088 61	19 08	52 50	1,160 20	824 53	824 53	436 00		388 53
Mazomanie.	340 00	107 00			447 00	401 08		6 93	1,100 04	38 96	38 96	28 50		12 46
Merrillan.		450 00			450 00	175 00			175 00	275 00	275 00	280 00		-5 00
Monroe.	5,900 00	7,124 00	688 00		13,722 00	3,785 00	988 00	982 00	5,765 00	7,957 00	7,957 00	3,400 00	3,020 00	1,537 00
New London.	1,350 00	877 26	208 75		2,236 01	989 89	16 72	25 00	1,041 61	1,194 40	1,194 40	1,070 00		124 40
New Richmond.		2,828 00			2,828 00	532 50			532 50	2,295 50	2,295 50			2,295 50
Oconomowoc.	2,000 00	2,023 41	300 00		4,323 41	1,578 84		383 25	1,962 09	2,361 52	2,361 52	1,500 00	1,004 96	-143 63
Onalaska.		849 68			849 68	980 85	80 85		1,071 70	222 02	222 02			-222 02
Platteville.	2,308 37	2,943 93	131 62		5,434 92	2,143 50	184 60	719 75	3,067 85	2,377 07	2,377 07	1,140 00		4,737 07
Plymouth.	3,750 00	1,503 02	372 38		5,625 40	2,082 00		46 50	2,128 50	3,496 90	3,496 90	797 31		2,699 59
Prairie du Chien.		210 00			210 00	1,003 50			1,003 50	-703 50	-703 50	900 00		-173 50
Reedsburg.		3,918 53			3,918 53	3,138 28	216 56	606 00	3,960 84	-42 31	-42 31	550 00		-562 31
Rice Lake.	2,150 00	2,461 58			4,611 58	3,910 21			3,910 21	701 37	701 37		1,007 98	-306 61
Richland Center.		2,802 21	62 00		2,864 21	2,898 53	281 71		3,171 24	-307 03	-307 03	50 00		-357 03
River Falls.		2,813 74	485 00		3,298 74	2,000 00	100 50	100 00	2,100 50	1,086 24	1,086 24	540 00		546 24
Shell Lake.		1,776 31			1,776 31	1,361 10		108 00	1,470 10	306 21	306 21	552 50		-25 29
Soldiers Grove.		325 00			325 00	480 00			480 00	-155 00	-155 00			-155 00
Sparta.	1,530 00	4,986 74	119 40		6,646 14	3,285 33	337 24	98 50	3,721 07	2,925 07	2,925 07	1,030 00	682 78	632 29
Spooner.		1,465 06	62 00		1,527 06	1,931 52	430 13	74 82	2,336 47	-789 41	-789 41	750 00		-1536 41
Stanley.	300 00	800 00	50 00		1,150 00	135 55			750 55	394 45	394 45			394 45
Stoughton.	3,880 00	4,846 62	500 00		9,226 62	4,962 74	884 60	57 00	5,894 40	3,595 22	3,595 22			3,365 22
Sun Prairie.		949 53	50 00		999 53	772 45	130 00		902 45	-2 92	-2 92	240 00	1,824 40	-207 41

TABLE IV.—WATER WORKS, 1907.
Ratio of Operating Expenses and Earnings of all Water Companies.

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.			Percentage of operating expenses to operating revenues.
		Pumping.	Distribution.	General.	Total.
Algonquin.....	Algonquin Munc. Water & Light Co.....	100.00	.....	.....	100.00
Antigo.....	Antigo Water Co.....	53.30	1.12	45.58	100.00
Appleton.....	Appleton Water Works Co.....	62.52	12.23	25.25	100.00
Arundel.....	Arcadia Electric Light & Milling Co.....	83.96	.....	16.04	100.00
Ashland.....	Ashland Water Co.....	30.71	16.77	43.52	100.00
Baraboo.....	Baraboo Munc. Water Works.....	53.22	8.97	37.81	100.00
Bayfield.....	Bayfield Munc. Water Works.....	78.46	1.41	20.13	100.00
Beaver Dam.....	Beaver Dam Water Co.....	58.87	28.87	14.40	100.00
Beloit.....	Beloit Water, Gas & Electric Co.....	61.33	3.80	34.87	100.00
Berlin.....	Berlin Munc. Water Works.....	98.64	.....	1.36	100.00
Black River Falls.....	Black River Falls Water Works.....	87.44	12.56	.....	100.00
Brookhead.....	Brookhead Munc. Water Works.....	100.00	.....	.....	100.00
Burlington.....	Burlington Munc. Water Works.....	100.00	.....	.....	100.00
Chippewa Falls.....	Chippewa Falls Water Works & Light Co.....	61.97	9.43	28.60	100.00
Clinton.....	Clinton Munc. Water Works.....	100.00	.....	.....	100.00
Columbus.....	Columbus Munc. W. Works & Electric Light.....	79.47	4.00	15.93	100.00
Cuba City.....	Cuba City Munc. Water Works.....	14.32	.....	5.68	100.00
Cumartland.....	Cumartland Munc. Water Works.....	80.88	.....	10.12	100.00
Darlington.....	Darlington Munc. Water Works.....	93.44	6.56	.....	100.00
Deerfield.....	Deerfield Munc. Water Works.....	.....	.....	.....	100.00
Delavan.....	Delavan Water Works Plant.....	100.00	.....	.....	100.00
De Pere.....	De Pere Munc. Water Works.....	62.05	21.74	16.21	100.00
Dodgeville.....	Dodgeville Munc. Water Works.....	.....	.....	.....	100.00
Eau Claire.....	Eau Claire Water Co.....	20.43	29.62	40.75	100.00
Edgerton.....	Edgerton Munc. Water Works.....	14.07	.....	5.93	100.00
Elkhorn.....	Elkhorn Munc. Water Works.....	95.23	.....	4.77	100.00
Ellsworth.....	Ellsworth Water Works Co.....	90.16	.64	.....	100.00
Elroy.....	Elroy Munc. Water Works.....	100.00	.....	.....	100.00
Farmville.....	Farmville Light & Water Department.....	85.82	10.68	3.50	100.00
Fennimore.....	Fennimore Munc. Water Works.....	96.97	.....	1.03	100.00

Fond du Lac	Fond du Lac Water Co.	36.40	28.31	35.29	100.00	33.99
Ft. Atkinson	Ft. Atkinson Munc. Water Works	98.06	.....	.94	100.00	43.73
Glenwood	Glenwood Munc. Water Works	100.00	27.87	.....	100.00	131.30
Grand Rapids	Grand Rapids Munc. Water Works	72.13	25.58	.....	100.00	62.07
Green Bay	Green Bay Water Co.	58.03	.....	16.39	100.00	42.73
Hudson	Hudson Munc. Water Works	59.02	32.29	8.69	100.00	69.37
Iron River	Iron River Water Light & Power Co.	28.24	32.68	47.98	100.00	79.26
Janesville	Janesville Water Co.	46.24	30.02	36.64	100.00	47.46
Jefferson	Jefferson Water Works	48.53	51.47	.....	100.00	87.65
Juneau	Juneau Munc. Water Works	98.39	.....	1.61	100.00	110.47
Kaukauna	Kaukauna Munc. Water Works	73.03	24.97	1.10	100.00	66.94
Kenosha	Kenosha Munc. Water Works	83.08	9.90	7.02	100.00	32.54
Kiel	Kiel Munc. Water Works	66.73	33.45	.....	100.00	57.43
La Crosse	La Crosse Munc. Water Works	73.38	35.62	.....	100.00	45.26
Lake Geneva	Lake Geneva Water & Light Co.	72.55	23.05	4.42	100.00	53.07
Lake Mills	Lake Mills Munc. Water Works	97.00	3.00	.....	100.00	100.00
Lancaster	Lancaster Munc. Water Works	90.20	6.49	4.31	100.00	62.85
Lodi	Lodi Water Works	93.62	1.65	4.53	100.00	58.46
Madison	Madison City Water Department	67.30	20.55	12.15	100.00	62.83
Manitowoc	Manitowoc Water Works Co.	21.66	21.34	57.00	100.00	46.99
Marquette	Marquette City Water Co.	61.94	4.93	33.13	100.00	34.57
Marshfield	Marshfield Munc. Water, Electric Light & Power	71.33	14.49	14.18	100.00	59.82
Mazomanie	Mazomanie Munc. Light & Water Works	96.30	.....	1.70	100.00	91.26
Mellen	Mellen Water & Light Co.	86.80	.....	4.20	100.00	73.79
Menasha	Menasha Munc. Water Works	.....	.....	.....	100.00	76.51
Menomonie	Menomonie Water Works Co.	73.62	32	26.03	100.00	34.74
Merrill	Merrill City Water Works Co.	72.26	9.65	18.09	100.00	49.50
Merrillan	Merrillan Water Works	100.00	.....	.....	100.00	38.89
Milwaukee	Milwaukee Munc. Water Works	44.03	27.15	26.82	100.00	35.04
Monroe	Monroe Munc. Water Works	66.66	17.14	17.20	100.00	42.03
Neeah	Neeah Munc. Water Works	47.71	41.32	10.97	100.00	54.68
New London	New London Munc. Electric Light & Water Works	96.00	1.80	2.40	100.00	46.58
New Richmond	New Richmond Munc. Elec. Lt. & W. Works	100.00	.....	19.54	100.00	18.96
Oconomowoc	Oconomowoc Munc. Water Works	80.46	.....	.....	100.00	45.39
Oconto	Oconto City Water Supply Co.	78.60	8.22	13.18	100.00	47.85
Onalaska	Onalaska Munc. Water Works	92.46	7.54	.....	100.00	126.12
Oshkosh	Oshkosh Water Works Co.	62.06	11.96	26.03	100.00	30.56
Platteville	Platteville Munc. Water Works	70.10	6.36	23.54	100.00	56.23
Plymouth	Plymouth Munc. Water Works	97.83	.....	2.17	100.00	38.02
Portage	Portage Water Department	79.58	13.60	6.82	100.00	83.96

TABLE IV. — WATER WORKS, 1907.—Continued.
Ratio of Operating Expenses and Earnings of all Water Companies.

LOCATION.	NAME OF COMPANY.	PER CENT DIVISION OF OPERATING EXPENSES.				Percentage of operating ex- penses to operating revenues.
		Pumping.	Distribution.	General.	Total.	
Prairie du Chien.....	Prairie du Chien Munic. Water Works.....	100.00			100.00	47.79
Racine.....	The Racine Water Co.....	23.79	11.77	64.44	100.00	35.31
Reedsburg.....	Reedsburg Water Works.....	79.23	5.47	15.30	100.00	101.08
Rhinelander.....	Rhinelander Munic. Water Works.....	89.26	2.90	7.84	100.00	85.36
Rice Lake.....	Rice Lake Munic. Water Works.....	100.00			100.00	84.80
Richland Center.....	Richland Center Munic. Water Works.....	91.12	8.88		100.00	110.73
Ripon.....	Ripon Light & Water Co.....	44.41	13.12	42.47	100.00	29.53
River Falls.....	River Falls Munic. Water Works.....	90.90	4.56	4.54	100.00	66.70
Shelbygan.....	City Water Co.....	42.10	4.13	53.77	100.00	27.13
Shell Lake.....	Shell Lake Munic. Water & Light.....	92.59		7.41	100.00	82.77
Soldiers Grove.....	Soldiers Grove Munic. Water Works.....	100.00			100.00	147.69
Sparta.....	Sparta Munic. Water Works.....	88.29	9.06	2.65	100.00	55.98
Spooner.....	Spooner Munic. Water & Light.....	78.39	18.41	3.20	100.00	151.04
Stanley.....	Stanley Munic. Water Works.....	100.00			100.00	65.70
Stevens Point.....	Stevens Point Water Co.....	60.16	3.51	36.33	100.00	49.85
Stoughton.....	Stoughton Munic. Water Works.....	83.86	15.16	.98	100.00	63.22
Sun Prairie.....	Sun Prairie Munic. Water Works.....	85.60	14.40		100.00	100.33
Superior.....	Superior Water, Light & Power Co.....	58.31	17.04	24.65	100.00	34.14
Tomah.....	Tomah Munic. Water Works.....	100.00			100.00	107.46
Tomahawk.....	Tomahawk Munic. Water Works.....	95.01	3.86	1.13	100.00	65.61
Two Rivers.....	Two Rivers Munic. Water & Light.....	38.40	57.10	4.50	100.00	54.12
Vircona.....	Vircona Munic. Water Works.....	100.00			100.00	113.24
Watertown.....	Watertown Water Department.....	95.28	2.34	4.38	100.00	81.84
Washburn.....	Washburn Water Works Co.....	81.10	5.13	13.77	100.00	34.91
Waukesha.....	Waukesha Water Department.....	86.24	6.42	4.34	100.00	68.31
Waupaca.....	Waupaca Munic. Water Works.....	24.43	41.53	34.02	100.00	42.34
Waupun.....	Waupun Munic. Electric Lt. & Power.....				100.00	75.64
Wausau.....	Wausau Munic. Water Works.....	68.38	21.17	10.45	100.00	37.17
Wausau.....	Wausau Munic. Water Works.....	100.00			100.00	66.96
Westly.....	Westly Munic. Water Works.....	100.00			100.00	100.05
Whitewater.....	Whitewater Water Works Co.....	67.46	1.28	31.26	100.00	40.33

TABLE V.—WATER WORKS, 1907.
Balance Sheet of Plants in Cities of Over 5,000 Population.

Assets.

CITY.	NAME.	Property assets.	Investments securities, etc.	Current and accrued assets.	Miscellaneous.	Cash.	Deficit.	Total.
COMPANIES.								
Antigo.....	Antigo Water Co.....	\$203,760 79	.....	\$346 94	.....	\$191 89	.....	\$204,200 62
Appleton.....	Appleton Water Works Co.....	508,150 97	.....	5,069 03	.....	3,488 83	.....	546,738 92
Ashland.....	Ashland Water Co.....	653,650 32	.....	2,191 02	\$29,437 99	8,247 41	.....	694,088 75
Beaver Dam.....	Beaver Dam Water Co.....	201,523 12	.....	2,186 00	.....	8,881 08	.....	270,570 20
Beloit.....	Beloit Water, Gas & Electric Co.....	629,430 94	.....	16,754 51	.....	3,114 33	.....	649,299 78
Chippewa Falls.....	Chippewa Falls Water Wks. & Lt. Co.....	282,936 85	.....	16,141 47	.....	.....	.....	279,078 42
Eau Claire.....	Eau Claire Water Co.....	455,464 84	.....	1,041 64	.....	5,247 69	.....	461,754 17
Fond du Lac.....	Fond du Lac Water Co.....	340,854 79	\$23,100 00	8,537 39	.....	1,183 00	\$56,904 80	430,679 98
Green Bay.....	The Green Bay Water Co.....	437,019 66	.....	1,283 89	.....	.....	25,788 45	464,100 00
Janesville.....	Janesville Water Co.....	434,128 61	.....	.....	.....	1,626 80	.....	435,755 41
Manitowoc.....	Manitowoc Water Works Co.....	440,299 01	.....	.....	.....	.....	.....	440,299 01
Marquette.....	City Water Works Co.....	582,313 40	.....	4,065 43	33,549 15	254 20	.....	590,202 18
Menomonee.....	Menomonee Water Works Co.....	83,000 00	.....	63 02	.....	.....	135,936 98	219,000 00
Merrill.....	City Water Works Co.....	338,722 46	.....	7,472 27	.....	727 73	21,465 73	368,388 19
Oconto.....	City Water Supply Co.....	106,021 02	.....	.....	.....	.....	.....	106,021 02
Oshkosh.....	Oshkosh Water Works Co.....	755,247 56	.....	5,090 05	.....	1,423 95	.....	761,761 57
Racine.....	The Racine Water Co.....	1,347,857 96	.....	45,801 80	.....	3,490 86	.....	1,397,150 42
Sheboygan.....	City Water Co.....	802,384 34	.....	45,084 22	.....	1,747 66	.....	849,216 23
Stevens Point.....	Stevens Point Water Co.....	125,892 99	.....	.....	.....	.....	149,107 10	275,000 00
Superior.....	Superior Water, Light & Power Co.....	1,517,646 69	189,787 35	29,279 48	3,066 37	1,127 13	.....	1,740,898 02
Washburn.....	Washburn Water Works Co.....	201,421 46	.....	66 50	.....	.....	38,012 04	239,500 00
Total.....	.....	\$10,487,797 79	\$212,887 35	\$189,074 46	\$36,072 51	\$40,742 67	\$427,313 10	\$11,363,817 88

¹ Claimed due from city. ² Sinking fund.

TABLE V.—WATER WORKS, 1907—Continued.
Balance Sheet of Plants in Cities of Over 5,000 Population.

Assets.

CITY.	NAME.	Property assets.	Investments securities, etc.	Current and accrued assets.	Miscellaneous.	Cash.	Deficit.	Total.
	MUNICIPAL PLANTS.							
Baraboo.....	City Water Works.....	\$137,651 42	.....	\$520 00	.....	\$10,188 24	.....	\$148,357 66
Berlin.....	".....	64,600 00	.....	2,628 52	.....	.....	.....	67,228 52
De Pere.....	".....	76,931 32	.....	5,297 88	.....	.....	.....	82,229 40
Grand Rapids.....	".....	112,000 00	.....	1,500 00	.....	.....	.....	113,500 00
Kaukauna.....	".....	85,170 76	.....	.....	.....	.....	.....	85,170 76
Kenosha.....	".....	251,375 87	\$4,000 00	18,905 23	\$25,913 50	16,682 71	.....	326,877 31
La Crosse.....	".....	493,819 54	.....	.....	.....	.....	.....	493,819 54
Madison.....	".....	514,446 82	.....	4,900 00	.....	6,463 97	.....	525,810 79
Marshfield.....	".....	79,540 97	15,000 00	1,141 25	.....	538 06	.....	96,210 30
Menasha.....	".....	96,887 50	.....	.....	.....	.....	.....	96,887 50
Milwaukee.....	".....	5,934,280 04	.....	103,278 01	148,750 00	419,159 49	.....	6,471,478 44
Neenah.....	".....	108,475 00	.....	100 00	.....	.....	.....	108,575 00
Portage.....	".....	51,000 00	.....	450 00	.....	11,232 36	.....	62,682 36
Rhinelander.....	".....	87,179 10	.....	4,820 00	.....	.....	.....	91,798 10
Two Rivers.....	".....	61,799 18	.....	552 29	.....	1,255 30	.....	63,606 86
Watertown.....	".....	140,842 68	.....	525 00	.....	.....	.....	141,367 68
Waukesha.....	".....	136,000 00	.....	2,210 48	.....	3,981 92	.....	142,142 40
Wausau.....	".....	298,577 66	.....	11,381 71	.....	3,188 22	.....	313,147 59
Total.....	.....	\$8,616,708 94	\$19,000 00	\$103,710 37	\$74,083 50	\$472,638 38	.....	\$9,346,721 19

' Sinking fund.

TABLE V.—WATER WORKS, 1907.—Continued.
Balance Sheet of Plants in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
COMPANIES.								
Antigo.....	Antigo Water Co.....	\$100,000 00	\$76,000 00	\$16,342 26			\$11,357 36	\$204,299 62
Appleton.....	Appleton Water Works Co.....	200,000 00	291,000 00	55,728 92				546,728 92
Ashland.....	Ashland Water Co.....	300,000 00	221,000 00	5,012 50			138,076 55	664,088 75
Beaver Dam.....	Beaver Dam Water Co.....	125,000 00	132,750 00				12,820 20	270,570 20
Beloit.....	Beloit Water, Gas & Electric Co.....	240,000 00	280,000 00	118,166 52			11,130 26	649,296 78
Chippewa Falls.....	Chippewa Falls Water Works & Lt. Co.....	125,000 00	149,000 00	4,329 49			748 93	279,078 42
Eau Claire.....	Eau Claire Water Co.....	100,000 00	350,000 00	489 75			11,264 38	461,754 17
Fond du Lac.....	Fond du Lac Water Co.....	200,000 00	204,500 00	24,629 26	\$1,550 72			430,679 96
Green Bay.....	The Green Bay Water Co.....	168,300 00	133,500 00	162,300 00				464,100 00
Janesville.....	Janesville Water Co.....	200,000 00	175,000 00				60,755 41	435,755 41
Manitowoc.....	Manitowoc Water Works Co.....	200,000 00	200,000 00				40,299 01	440,299 01
Marquette.....	City Water Works Co.....	200,000 00	300,000 00	86,146 73			4,055 45	590,202 18
Menomonie.....	Menomonie Water Works Co.....	100,000 00	119,000 00					219,000 00
Merrill.....	City Water Works Co.....	125,000 00	150,000 00	93,388 19				368,388 19
Oconto.....	City Water Supply Co.....	100,000 00					6,021 02	106,021 02
Oshkosh.....	Oshkosh Water Works Co.....	288,000 00	430,000 00				43,761 57	761,761 57
Racine.....	The Racine Water Co.....	400,000 00	996,000 00	25,877 27			35,273 15	1,397,150 42
Sheboygan.....	City Water Co.....	250,000 00	500,000 00	83,789 17			15,417 05	949,216 22
Stevens Point.....	Stevens Point Water Co.....	175,000 00	100,000 00					275,000 00
Superior.....	Superior Water, Light & Power Co.....	555,500 00	1,027,675 00	74,757 55	63,604 75		18,400 06	1,740,928 02
Washburn.....	Washburn Water Works Co.....	100,000 00	100,000 00	39,500 00		\$868 36		239,500 00
Total.....	Total.....	\$4,251,800 00	\$5,875,425 00	\$730,468 95	\$65,155 47	\$868 36	\$409,980 10	\$11,363,817 86

TABLE V.—WATER WORKS, 1907.—Concluded.
Balance Sheet of Plants in Cities of Over 5,000 Population.
Liabilities.

CITY.	NAME.	Capital stock.	Bonds.	Current and accrued liabilities.	Reserves.	Miscellaneous.	Surplus.	Total.
MUNICIPAL PLANTS.								
Barraboo	City Water Works.....		\$100,000 00	\$4,000 00			\$35,367 48	\$149,367 48
Berlin	"		36,000 00	7,000 30			23,320 23	67,228 52
De Pere	"		74,900 00	1,127 51	\$6,231 80		82,259 40	164,419 71
Grand Rapids.....	"		66,000 00	445 00			47,055 00	113,500 00
Kaukauna	"		80,500 00	838 05			23,432 71	85,170 76
Kenosha	"		77,000 00	1,537 80			248,339 62	326,877 31
La Crosse	"		165,000 00				208,819 54	483,819 54
Madison	"		20,000 00				505,510 70	525,510 70
Marshfield	"		79,550 00				16,480 30	96,030 30
Menasha	"		83,200 00				13,767 50	96,967 50
Milwaukee	"		190,000 00				6,281,478 44	6,471,478 44
Neshan	"		40,000 00				46,575 00	106,575 00
Portage	"		20,000 00				33,082 36	102,682 36
Rhinander	"		83,000 00	4,127 04			4,672 08	91,799 10
Two Rivers	"		42,000 00				21,066 86	63,066 86
Watertown	"		75,000 00	562 50			65,805 16	141,367 66
Wausau	"		133,000 00		1,200 00		7,042 40	142,142 40
Wausau	"		100,000 00	46,900 47			94,257 12	241,157 59
Total			\$1,503,150 00	\$67,446 55	\$7,431 80		\$7,768,682 75	\$9,346,721 19

TABLE VI.—WATER WORKS, 1907.
Balance Sheet of Companies Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITY.	NAME OF COMPANY.	ASSETS.			Total.
		Capital assets.	Current and accrued assets and cash.	Deficit.	
Iron River.....	Iron River Water, Light & Power Co.....	\$121,197 79	\$4,447 60		\$125,645 39
Lake Geneva.....	Lake Geneva Water & Light Co.....	19,300 00	200 00		19,500 00
Mellen.....	Mellen Water & Light Co.....	154,045 63	8,023 55		162,069 18
Ripon.....	Ripon Light and Water Co.....	83,000 00		\$70,500 00	153,500 00
Whitewater.....	Whitewater Water Works Co.....				
Total.....		\$377,543 42	\$12,671 15	\$70,500 00	\$460,714 57

MUNICIPALITY.	NAME OF COMPANY.	LIABILITIES.			Total.
		Capital stock.	Bonds.	Current and accrued liabilities.	
Iron River.....	Iron River Water, Light & Power Co.....	\$52,650 00	\$83,000 00	\$8,692 84	\$125,645 39
Lake Geneva.....	Lake Geneva Water & Light Co.....	7,000 00		8,500 00	15,500 00
Mellen.....	Mellen Water & Light Co.....	71,131 63	67,000 00	2,540 00	142,669 18
Ripon.....	Ripon Light & Water Co.....	80,000 00	73,500 00	15,470 00	168,970 00
Whitewater.....	Whitewater Water Works Co.....				
Total.....		\$190,781 63	\$223,500 00	\$27,120 30	\$440,714 57

TABLE VII.—WATER WORKS, 1907.
Balance Sheet of Municipal Plants Operating in Municipalities of Less Than 5,000 Population.

MUNICIPALITIES.	ASSETS.			LIABILITIES.				
	Plant value first of year.	Construction during year.	Current assets and cash.	Total.	Bonds.	Current liabilities, etc.	City equity.	Total.
Alcoma ¹	\$22,000 00		\$1,243 25	\$23,243 25	\$20,000 00		\$3,243 25	\$23,243 25
Arcadia ¹	21,584 42	\$90 00	79 15	21,743 57	10,000 00		11,743 57	21,743 57
Bayfield ¹	5,000 00	404 50	4,350 00	9,754 50	4,000 00	\$708 63	4,967 87	9,754 50
Black River Falls ¹	24,135 36	1,033 61	1,381 85	27,150 82		322 61	26,828 21	27,150 82
Brodhead.....	18,000 00			18,000 00			18,000 00	18,000 00
Burlington.....	45,544 06			45,544 06			45,544 06	45,544 06
Clinton ¹	13,000 00			13,000 00	1,000 00	50 00	11,950 00	13,000 00
Columbus ¹	30,511 55	104 55	2,508 90	33,125 00	13,500 00		19,625 00	33,125 00
Cuba City ¹	10,000 00			10,000 00	5,000 00		5,000 00	10,000 00
Cumberland ¹	10,000 00		14 75	10,014 75			10,014 75	10,014 75
Darlington.....	15,000 00			15,000 00	15,000 00			15,000 00
Deerfield.....	5,000 00			5,000 00	2,100 00		2,900 00	5,000 00
Delavan.....	10,000 00			10,000 00	8,000 00		2,000 00	10,000 00
Dodgeville.....	30,000 00	5,000 00		35,000 00	20,000 00		15,000 00	35,000 00
Edgerton.....	39,500 00	854 65		40,354 65	29,000 00		11,354 65	40,354 65
Elkhorn ¹	15,000 00		2,326 25	17,326 25	15,000 00	1,884 00	442 25	17,326 25
Ellsworth.....	16,519 03			16,519 03	11,250 00		5,269 03	16,519 03
Elroy ¹	15,000 00		200 00	15,200 00	6,350 00		8,850 00	15,200 00
Evansville ¹	40,000 00	307 08	1,966 71	42,273 79	40,000 00		2,273 79	42,273 79
Fennimore ¹	15,000 00		4,800 00	19,800 00	15,000 00	400 00	4,400 00	19,800 00
Ft. Atkinson ¹	56,400 64		3,798 83	60,200 57		3,905 92	56,294 65	60,200 57
Glenwood.....	14,400 00			14,400 00	5,540 39		8,859 61	14,400 00
Hudson.....	60,000 00		550 00	60,550 00	23,000 00	221 23	37,328 77	60,550 00
Jefferson ¹	47,500 00		515 21	48,015 21	41,300 00		6,715 21	48,015 21
Juneau ¹	20,000 00			20,000 00	9,000 00		11,000 00	20,000 00
Kiel.....	30,000 00		706 40	30,706 40	22,000 00		8,706 40	30,706 40
Lake Mills.....	15,000 00			15,000 00			15,000 00	15,000 00
Lancaster.....	75,000 00	983 03		75,983 03	19,000 00		56,983 03	75,983 03
Lodi.....	15,445 00	1,911 44	1,984 73	19,341 17	8,700 00	1,620 30	9,020 87	19,341 17
Mazomanie ¹	10,400 00			10,400 00	2,400 00		8,000 00	10,400 00

Merrillan.....	7,500 00	3,400 00	1,751 00	7,500 00	3,400 00	1,751 00	7,500 00
Monroe.....	85,000 00	2,970 80	2,841 09	85,000 00	1,400 00	4,684 71	40,151 00
New London ¹	35,253 02			41,084 71		25,000 00	41,084 71
New Richmond ¹	25,000 00			25,000 00		25,075 38	25,000 00
Oconomowoc ¹	58,379 90	1,431 30	1,355 85	61,167 05	581 67		61,167 05
Onalaska.....	15,000 00		287 28	14,000 00	127 25	1,140 01	15,287 25
Plymouth ¹	39,831 23	1,022 75		40,853 98		12,362 36	40,853 98
Prairie du Chien.....	27,000 00			27,000 00			27,000 00
Rice Lake ¹	30,982 53	2,228 88	867 47	34,108 98	1,914 94	32,254 04	34,108 98
Richland Center ¹	33,725 00			1,000 00		32,725 00	33,725 00
River Falls ¹	40,000 00			9,000 00		31,000 00	40,000 00
Sheil Lake ¹	4,000 00			3,600 00		400 00	4,000 00
Soldiers Grove.....	12,000 00					12,000 00	12,000 00
Sparta.....	46,127 04	682 78		46,789 82		35,186 82	46,789 82
Spooner ¹	14,500 00	583 35	1,557 08	16,640 41	2,140 41		16,640 41
Stanley.....	15,000 00	2,500 00	16 00	17,516 00		17,516 00	17,516 00
Stoughton ¹	77,366 78	6,151 04		83,517 82		83,517 82	83,517 82
Sun Prairie.....	19,488 73	1,824 49	670 86	21,984 08	520 00	15,964 08	21,984 08
Tomah.....	30,000 00	5,500 00	750 00	36,250 00		6,250 00	36,250 00
Tomahawk.....	29,671 86	147 71		29,819 57		29,819 57	29,819 57
Viroqua.....	15,000 00	1,000 00	300 00	16,300 00	500 00	5,800 00	16,300 00
Waupaca.....	68,500 00	700 00	2,200 00	71,400 00		13,400 00	71,400 00
Waupun ¹	57,435 81	3,848 67	3,561 80	64,844 28		46,964 28	64,844 28
Wauwatosa.....	50,000 00	6,500 00		56,500 00		38,500 00	56,500 00
Westby ¹	4,500 00		75 00	4,575 00		2,575 00	4,575 00
Total.....	\$1,608,201 96	\$51,948 54	\$42,533 52	\$1,702,684 02	\$19,784 96	\$804,567 04	\$1,702,684 02

¹ Municipality also furnishes electric service.² Municipality also furnishes gas service.³ Legality of issue questioned by courts.

TABLE VIII.—WATER WORKS, 1907.
Water Supply, Pumpage, Pressure, Services and Meters for all Water Works—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Source of water supply.	Number of water intakes or wells.	Depth of water intake or well.	Power for pumping, H. P.	Total water pumped, M. gals.	Average daily pumpage, M. gals.	Range of average daily pumpage, pounds.	Range of fire pressure, pounds.	SERVICE CONNECTIONS.				Number of meters.
										Fountains.	Hydrants.	Connectors.	Total.	
Algoma.....	Algoma City Water & L. D't	Intake.....	1	22	180	22,738	910	40-60	80-115	3	37	125	182	1
Antigo.....	Antigo Water Co.....	Wells.....	2	10	150	22,738	910	30-48	80-110	3	40	11	113	1
Appleton.....	Appleton Water Works Co.....	River and wells.....	21-3W	12	200	326,000	1,500	25-70	90-125	11	245	1,573	1,829	440
Arcadia.....	Arcadia El. L. & Water Plant	Well-Art.....	1	370	100	200	100	20-70	80-125	4	26	82	108	1
Ashland.....	Ashland Water Co.....	Lake and wells.....	11-10W	20-70	350	428,337	1,170	20-65	80-125	4	243	2,061	2,298	339
Baraboo.....	Baraboo City Water Works.....	Wells.....	6	15	80	284,220	781	60-104	80-120	4	135	1,082	1,221	145
Bayfield.....	Bayfield Munic. Water Wks.....	Lake.....	48	48	150	21,064	121	60-120	80-120	2	41	380	423	50
Beaver Dam.....	Beaver Dam Water Co.....	Spr. & Art. wells.....	1N-2W	200	200	231,751	153	50-62	90-100	2	134	736	864	5
Beloit.....	Beloit Water, Gas & Elec. Co.....	Wells.....	49	80	200	618,072	1,100	54-90	80-120	7	145	1,457	1,401	10
Berlin.....	Berlin Munic. Water Wks.....	Art. wells.....	2	24	140	42,000	127	54-90	80-120	7	81	572	460	...
B'k R'r Falls.....	B'k R'r Falls City W. Wks.....	Well.....	1	10	100	32,850	90	80-100	80-100	1	25	5	31	...
Brookhead.....	Brookhead Munic. Water Wks.....	Art. wells.....	2	500-1000	100	37,000	101	70-85	70-85	5	57	394	458	394
Burlington.....	Burlington City Water Wks.....	Art. wells.....	3	135-1100	200	37,000	101	40-85	40-85	8	156	1,541	1,716	25
Chippewa Falls.....	Chippewa Falls W. Wks. & L. Co.....	Spring.....	9	...	...	...	...	...	...	...	...	...	...	...
Clinton.....	Clinton Munic. Water Wks.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Columbus.....	Columbus W. W. & El. L. Co.....	Wells.....	2	...	130	...	60	45-65	90-120	1	36	227	284	...
Cuba City.....	Cuba City Munic. Water Wks.....	Well.....	1	150	100	...	...	...	...	1	9	...	...	...
Cumberland.....	Cumberland Munic. Water Plant	Art. Well.....	1	600	250	...	...	...	...	2	17	177	180	...
Darlington.....	Darlington Munic. W. Wks.....	Well.....	1	5	40	...	...	...	...	1	...	...	...	...
Deerfield.....	Deerfield Water Works.....	Well.....	1	...	...	...	...	...	...	...	...	...	...	...
Delavan.....	Delavan City Water Works.....	Spring.....	6	6	140	17,945	54	37-50	37-120	2	58	290	385	316
De Pere.....	De Pere City Water Dept.....	Wells.....	4	...	...	...	...	...	...	2	83	479	564	...
Dodgeville.....	Dodgeville Munic. W. Wks.....	Wells.....	3	300	140	...	...	...	...	...	...	...	...	...
Eau Claire.....	Eau Claire Water Co.....	Wells.....	58	25	240	...	...	...	...	10	378	2,215	2,600	410
Edgerton.....	Edgerton Water Works.....	Well.....	1	20	100	50,869	164	40-65	65-120	1	1	24	26	...
Elkhorn.....	Elkhorn Light & Water Co.....	Art. Well.....	1	1,050	350	18,552	58	45-60	60-80	2	48	211	291	63
Elisworth.....	Elisworth Munic. Water Wks.....	Art. Well.....	1	265	...	2,330	...	40-70	50-110	...	29	63	92	...
Elroy.....	Elroy Munic. Water Plant.....	Wells.....	3	125	230	3,050	100	60-70	60-100	1	30	341	362	...

TABLE VIII.—WATER WORKS, 1907.—Concluded.
Water Supply, Pumpage, Pressure, Services and Meters for all Water Works—Private and Municipal.

LOCATION.	NAME OF COMPANY.	Source of water supply.	Number of intakes or wells.	Depth of water at intake or well.	Power for p'pms. H. P.	Total water pumped, M gals.	Average daily p'p'd, M gals.	Range of average daily pressure, pounds.	Range of ordinary pressure, pounds.	SERVICE CONNECTIONS.				Number of meters.
										Found.	Hyd-rants.	Commer.	Total.	
Oshkosh.	Oshkosh Water Works Co.	Lake.	1	1	500	1,020,823	2,708	35-40	90-125	15	444	2,803	3,152	454
Platteville.	Platteville Munc. W. Wks.	Well.	1	120	175	34,792	192	70-80	110-120	7	120	791	917	533
Plymouth.	Plymouth City Water Wks.	Art. Wells.	2	310	450	107,066	200	40-60	90-80	2	53	181	219	133
Portage.	Portage Water Works Dept.	River.	2	20	160	107,066	200	40-60	90-80	2	94	853	940	133
Pr. du Chien.	Pr. du Chien City Water Wks.	Wells.	1	1	1	1	1	123	123	1	0	34	74	34
Radine.	The Radine Water Co.	Lake.	1	47	500	840,844	2,363	50-65	50-100	6	558	8,310	8,874	3,555
Redsburg.	Redsburg Munc. Water Wks.	Wells.	4	10	200	1	1	48-54	80-105	5	46	424	475	360
Rhineclander.	Rhineclander Munc. Water Wks.	River.	1	12	200	1	1	125	600	1	125	600	734	36
Rice Lake.	Rice Lake Munc. Water Wks.	Well.	1	348	120	1	1	70	90	5	53	410	468	86
Richmond Cent.	Rich. Center City Water Wks.	Well.	1	1	1	1	1	1	1	1	1	1	1	1
Ripon.	Ripon Light & Water Co.	Wells.	3	15	350	133,615	364	30-53	90-120	3	100	751	853	40
River Falls.	Riv. Falls Munc. Water Wks.	Art. wells.	3	500	173	64,159	173	65-80	85-80	3	1	3	6	1
Shenoygun.	Shen. City Water Works Co.	Lake.	2	20	450	790,716	2,168	1	1	11	456	3,667	4,134	238
Shell Lake.	Shell Lake Water & Lt. Dept.	Lake.	1	25	180	1	1	1	1	1	1	1	1	1
Shullsburg.	Shullsburg Munc. Water Wks.	Wells.	1	35	35	1	1	1	1	1	1	1	1	1
Soldiers Grove.	Soldiers Gr. Munc. Water Wks.	River, wells.	11-1W	150	150	13,140	36	85-105	85-105	1	21	55	77	1
Sparta.	Sparta Munc. Water Works.	Wells.	2	18	180	95,142	261	40-80	100-140	1	51	311	363	260
Spooner.	Spencer Munc. W. & Lt. Plant	River, well.	1-1	1	1	48,540	127	18-20	100-115	1	16	115	132	1
Stanley.	Stanley Munc. Water Wks.	Well.	1	12	35	10,950	30	40-65	125-150	3	24	133	130	1
Stevens Point.	Stevens Point Water Co.	River, well.	11-2W	25	180	182,612	1,500	55-60	68-130	2	144	422	568	68
Stoughton.	Stoughton Munc. Water Wks.	Art. and sur. well.	1A-24	37-1,010	140	1	1	1	1	1	98	586	680	20
Superior.	Superior Munc. Water Wks.	Art. well.	1	712	1	10,067	28	55-58	55-58	3	30	105	136	7
Tomahawk.	Tomahawk Munc. Water Wks.	Wells.	87	35	465	810,220	2,220	43-70	90-115	3	614	3,232	3,851	1,362
Tomahawk.	Tomahawk Munc. Water Wks.	Wells.	2	100	1	1	1	1	1	2	30	445	544	1
Tomahawk.	Tomahawk Munc. Water Wks.	Spring.	2	8	360	1	1	1	1	1	36	426	462	1
Two Rivers.	Two Riv. Munc. W. & Lt. Plnt	Lake.	1	14	250	30,189	107	35-50	80-100	3	68	374	445	230
Viroqua.	Viroqua Munc. Water Wks.	Wells.	2	360	1	1	1	1	1	1	76	468	545	1
Washburn.	Washburn Water Works Co.	Lake.	1	1	160	123,369	343	25-108	25-108	1	1	1	1	1

Watertown...	Watertown Munc. Water Wks.	Art. wells.	2	150-1,040	150	282,540	774	82-87	110-120	5	167	780	982	515
Waukesha...	Waukesha Munc. Water Wks.	Art. wells.	3	1,400	180	164,250	450	55-60	55-60	5	213	1,184	1,402	1,185
Waupaca...	Waupaca Munc. Water Wks.	Wells.	16	10	130	87,000	242	55-65	55-150	2	79	303	384	1
Waupun...	Waupun City Water Works.	Wells.	2	800	223	.....	.....	53-55	53-55	1	46	365	412	116
Wausau...	Wausau Munc. Water Wks.	Wells.	30	130	160	567,921	1,600	55-60	90-120	1	206	2,100	2,307	35
Wauwatosa...	Wauwatosa Munc. Water Wks.	Art. well.	1	1,350	150	35,164	96	50-95	50-95	1	102	303	406	571
Westby...	Westby Munc. Water Works.	Well.	1	300	6	8,760	24	40	40	.....	.....	.....	.....	.....
Whitewater...	Whitewater Water Wks. Co.	Art. wells.	4	0	100	64,748	177	65-75	100-130	7	109	579	485	.....

TABLE IX.—WATER WORKS, 1907.
Equipment.—All Water Works.

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.		RESERVOIRS.		FILTERS.		STANDPIPES.							
		No.	Total rated H. P.	No.	Kinds.	Capacity in M	No.	Head feet.	Capacity in M	No.	Kind.	Capacity in M	No.	Distance from pumping station in feet.	Height in feet.	Capacity in M	
Algoma.....	City Wat. & L. Dept.	2	180	2	Duplex.....	54	1	1	87								
Antigo.....	Antigo Water Co...	13	130	13	Gordon-Maxwell....	3,000							1	0	100	150	
Appleton.....	Appleton Water Works Co.	2	200	3	2 Water power and steam combined.	4,500	1	23	2,500	3	Jewel pressure.	2,250					
Arcadia.....	Arcadia Elec. Light & Water Plant.	2	100	1	Horiz. Compound.	500	1	80	175								
Ashland.....	Ashland Water Co...	3	350	3	Duplex.....												
Baraboo.....	Baraboo City Water Works.	1	80	5	2 Gaskill—1 Deane... 2 Wat. pow. 1 steam.	7,000 8,000	1		200	3	Slow sand....	3,000					
Bayfield.....	Bayfield Mun. Water Works.	2	150	2	Duplex.....	1,200	1	16	151				1	6,600	52	275.5	
Beaver Dam.....	Beaver Dam Wat. Co.	2	200	2	Comp'd condensing.	3,000											
Beloit.....	Beloit Water, Gas & Electric Co.	3	200	9	3 Power, 4 steam, 2 elec. centrifugal.	4,000	1	14	537.6				1	5,580	84	190	
Berlin.....	Berlin Mun. Water Works.	2	140	2	Laidlaw-Dunn-Gordon.	2,000	2	134	300								105.7
Bl. Riv. Falls.....	Black River Falls City Water Works.	1	100	2	Gordon-Maxwell-Smith-Valle.	2,000							1	1,025	100	150	
Brodhead.....	Brodhead Mun. Wat. Works.			2	1 Piston, 1 fire rotary.	1,800											
Burlington.....	Burlington City Wat. Works.	2	100	4	Duplex.....	3,168	1	12	85				1	2,640	100	70	
Chipp'wa Falls.....	Chippewa Falls Wat. Works. & L. Co.	2	200	3	2 Deane, 1 Phoenix...	5,000							1	6,083	100	308	
Clinton.....	Clinton Mun. Water Works.						1										
Columbus.....	Columbus Mun. Wat. Wks. & Elec. L. Co.	2	160	1	Compound duplex...	1,000	1	18	90				1	2,640	60	70	
Cuba City.....	Cuba City Mun. Wat. Works.	1	100	1	Belt pump.....								1		134	60	

Cumberland Water Plant.	2	250	1	Steam duplex.	216	1	40	325
Darlington Water Works.	1	40	2	Smedley	1	4	70	47
Deerfield Water Works.	2	140	2	Fairbanks & Morse	50	1	700	125
DePere City Water	2	140	2	Duplex Plunger Triplex.	1,440	2	1,400	100
Dodgeville Water Works.	2	140	4	Key Stone & Fairbanks Morse.	84	1	560	84
Eau Claire Wat. Co.	3	240	6	Duplex steam, Triplex.	12,000	1	6	4,000
Edgerton Wat Wks.	2	180	2	Smith-Vallée power.	1,500	1	20	225
Elkhorn, La. & Wat. Co.	3	350	2	1 Air Lift, 1 Dressing.	1,300	1	42	0
Ellsworth	1	230	1	Deane steam.	86	1	0	105
Elroy	2	230	2	Smith-Vallée	835	1	120	200
Evansville	2	200	2	Compound duplex.	504	1	5,280	75
Fennimore	2	200	2	Fairbanks-Morse.	216	1	10	4,712
Fond du Lac	2	200	2	Gaskill comp. condensing.	6,000	1	4	2,500
Ft. Atkinson	2	220	2	Steam.	2,000	1	2,300	111
Glenwood	1	45	3	1 Power force.	2,520	2	1,050	100
Grand Rapids	1	45	3	1 Fairbanks-Morse 2 Geared.	2,520	2	5,280	165
Green Bay	4	580	3	1 Snow 2 Knowles	10,000	3	25	1,250
Hudson	2	200	2	Blake and Worthington.	1,000	1	235	216
Iron River	3	175	2	Blake and Dean.	1,350	1	11	798
Janesville	3	375	2	Blake duplex.	4,500	1	16	85
Jefferson	2	200	2	Smith-Vallée.	2,350	1	1,400	312
Juneau	1	320	1	Deep well.	72	1	115	60
Kaukauna	2	320	2	Deane comp. duplex.	3,000	1	2,000	102
Kenosha	2	200	3	Laddlaw-Dunn.	8,000	1	2,640	176
Kiel	1	200	2	Gould deep well.	792	1	2,500	250

TABLE IX.—WATER WORKS, 1907—Continued.
Equipment—All Water Works.

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.		RESERVOIRS.		FILTERS.		STANDPIPES.			
		Number.	Total rated H. P.	Number.	Kind.	Capacity in M gallons.	Head feet.	Number.	Kind.	Capacity in M gallons.	Number.	Distance from pumping station, in feet.	Height in feet.
La Crosse.....	La Crosse City Water Works.	3	540	3	1 Holly, 2 Blake.....	10,500							
Lake Geneva..	Lake Geneva Water & Light Co.	2	180	5	4 Horiz, 1 Vertical...	3,350	16	84.7			1		65
Lake Mills....	Lake Mills Munic. Water Works.			1	Gould triplex.....	432					1	680	120
Lancaster....	Lancaster Munic. Water Works.	2	180	2	Deane.....	700					1	11,880	70
Lodi.....	Lodi Water Works..	1	50	1	Worthington double duplex.....	576	16	135					
Madison.....	Madison City Water Works.	2	260	2	Triple expan. condensed and Knowles-Reynolds.	5,500		198				1,650	200
Manitowoc....	Manitowoc Water Works Co.	2		2	Comp. duplex.....	4,000		175			1	7,920	120
Marquette....	Marquette City Water Co.	3	240	4	1 Worthington triplex, 1 Worthington pump, 2 Deane comp.	9,000	19.7		10 Jewell gravity.	3,000	2		19.7
Marshfield...	Marshfield Water, Light & Power Co.	3	450	3	Worthington triplex and 1 Smedley duplex.....	3,000	11	500				8,000	120
Mazonian....	Mz. Munic. Light & Water Plant.	1	70	1	Smedley duplex.....	18	190	120					
Mellen.....	Mellen Water & Light Co.	1	65	2	Gould triplex.	648		450					
Menasha.....	Menasha Munic. Water Works.			2	Cameron steam Gould.....	2,500					1	550	135
Menomonie....	Menomonie Water Works Co.	2	150	2	Gordon-Maxwell.....	1,500					1	5,280	85
Merrill.....	Merrill City Water Works Co.	2	180	3	Deane comp. and Laddaw-Dunn-Gordon.	4,500			5 3 Jewell 2 Concrete.				

Merrillan	Merrillan Munic. Water Works.	11	1,375	1	Gould	144						1	600	110	50
Milwaukee	Milwaukee Water Works.	2	120	5	3 comp. 2 Triple comp.	48,000	1	150	21,500			2	1,000	125	12
Monroe	Monroe City Water Works.	2	120	3	2 Steam, 1 belt triplex	980	1		75			1	5,280	65	60
Neenah	Neenah City Water Works.	2	120	2	Deane		1		93			1	0	115	270
Nellisville	Nellisville Water Works.	2	140	2	Buffalo							1	5,280	100	118
New London	New London Munc. Water Works.	1	100	2	Deane duplex	720						1	3,000	80	73
New Richmond	New Rich. City Elec. Lt. & Water Works.	1	100	2	Steam and electric	728						1	50	85	2.3
Oconomowoc	Oconomowoc Water Works.	3	288	2	Comp. duplex	2,000						1	0	115	85
Oconto	Oconto City Water Supply Co.	3	180	4	Deane-Smith-Vale	4,000	1		280						
Onalaska	Onalaska Wat. Wks.	1	50	1	Gordon	1,000						1	2,200	110	183
Oshkosh	Oshkosh Wat. Wks. Co.	4	500	3	2 Hall-Gaskell, 1 Worthington	9,500	1	15	1,250		1	Warren & Jewell	4,000		
Platteville	Platteville Munc. W. Works.	2	175	2	Compound Duplex	1,750	2	8	80			1	5,280	100	80
Plymouth	Plymouth City Wat. Works.	3	450	2	Triplex & Duplex	1,500	1	20	40			1	1,320	1200	324
Portage	Portage Water Wks. Department.	2	160	2	Worthington-Simple & Compound	3,370						1	1,500	100	
Pr. du Chien	Prairie du Chien City Water Works.	1					1		320						
Racine	The Racine Wat. Co.	4	500	4	Allis-Centrif., Blake Compound, Allis Trip. Expan., Worthington Trip.	21,000						1		90	332
Reedsburg	Reedsburg Munc. Water Works.	2	150	2	Worthington Trip.	1,550	1	17	40			1	2,500	100	63
Rhineland	Rhineland Munc. Water Works.	2		3	2 Smith-Vale, 1 electric	2,000					1	Sand gravity	1	400	65 150
Rice Lake	Rice Lake Munc. Water Works.			2	Buffalo; Smith-Vale										
Richland Cen.	Rich. Center City Water Works.	2	120	2	Duplex steam	864	1	175	120						
Ripon	Ripon Light & Wat. Co.	3	350	2	Duplex	3,000									
River Falls	River Falls Munc. Water Works.			2	Gould triplex, Fairbanks Morse	1,008	1	200	180			1	3,840	100	135

1 200 feet above source.

TABLE IX.—WATER WORKS, 1907.—Concluded.
Equipment—All Water Works

LOCATION.	NAME OF COMPANY.	BOILERS.		PUMPS.		RESERVOIRS.		FILTERS.		STANDPIPES.			
		No.	Total H. P. rated.	No.	Kind.	Capacity in M. gallons.	No.	Head-feet.	Capacity in M. gallons.	No.	Kind.	Capacity in M. gallons.	No.
Sheboygan...	Sheboygan City W. Works, Co.	4	450	3	Nordberg-comp. Gaskill comp. Laidlaw Dunn Gordon.	15,000				1	0	140	323
Shell Lake...	Shell Lake Water & Light Department.	2	100	2	F. D. Wells.								
Shullsburg...	Shullsburg Munic. Water Works.	1		1		720				1	5.280	60	60
Soldiers Grove	Soldiers Grove Mun. Water Works.			2		423	1						
Sparta...	Sparta Munic. Wat. Works.	2	100	2	Tandem compound duplex.	2,000							
Spooner...	Spooner Munic. W. & Light Plant.			2	Deeming triplex	720				2	5.280	124 1/2	120
Stanley...	Stanley Munic. Wat. Works.			1	Stillwell Blerre & Smith.	648	1						
Stevens Point.	Stevens Point W. Co.	2	100	2	Holly.	4,000							
Stoughton...	Stoughton Munic. Water Works.	2	140	2	Duplex compound	1,500				1	0	140	363
Sun Prairie...	Sun Prairie Munic. Water Works.			2	Woods & Gould.	1,094	1			1	200	121	30
Superior...	Superior W. Light & Power Co.	5	465	4	Worthington Horiz. 2 Peane comp. 1 Allys H. D. vertical compound.	12,000	1	68		1	1,000	85	60
					Smith-Valle dup.	1,008	1	30					
Tomah...	Tomah Munic. Wat. Works.	2	80	2	Fairbanks-Morse: Smith-Valle.	2,500							
Tomahawk...	Tomahawk Munic. Water Works.	2	300	2	Duplex.	1,500				1	2,640	117	50
Two Rivers...	Two Rivers Munic. Water & Lt. Plant.	2	250	2						1	0	120	180

Viroqua.....	Viroqua Munic. W. Works.	2	180	2	Deane.....	2,000	1	1,200	.....	.....	.....	.....
Washburn	Washburn Water Works Co.	2	150	2	Comp. condensing...	3,000	1	13	450	.....	1	3,980
Watertown	Watertown Munic. Water Works.	2	180	2	1 Compound & 1 High pressure.	5,000	1	22	85	.....	1	1,320
Waukesha	Waukesha Munic. Water Works.	2	180	3	2 piston; 1 centrif.	2,160	1	117	282	.....	.....	.....
Waupaca	Waupaca Munic. W. Works.	3	223	2	Deane duplex.....	1,008	1	45	.....	1	2,640	75
Waupun	Waupun City Wat. Works.	2	150	2	Holly.....	6,000	.....	.....	.....	.....	.....	.....
Wausau	Wausau Munic. W. Works.	2	150	2	Smith-Valle duplex.	2,000	1	12	176	.....	1	130
Wauwatosa	Wauwatosa Munic. Water Works.	1	6	1	Gasoline.....	57	.....	.....	.....	.....	1	100
Westby	Westby Munic. W. Works.	2	180	2	Deane.....	3,000	1	8	850	.....	1	2,300
Whitewater... Works Co.	Whitewater Water Works Co.	2	180	2	Deane.....	3,000	1	8	850	.....	1	2,300
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	105

¹ 160 feet above pump.

TABLE I.—TELEPHONE COMPANIES, 1907.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	OPERATING REVENUES.				OPERATING EXPENSES.								
	Subscribers rentals.	Terminal charge on long distance business.	Miscellaneous revenues.	Total operating revenues.	Salaries and wages.	Rent, light and heat (gen. offices).	General.			Operating.			
							Directory expenses.	Sundry supplies and expense.	Total general.	Salaries and wages.	Rent, light and heat (exch. man'g.).	Advertising and canvassing.	Sundry supplies and expense.
Alcona.....	\$2,457 04	\$226 34	\$6 00	\$2,689 38	\$223 17	\$17 13	\$4 00	\$109 14	\$354 24	\$718 50	\$123 35	.....	\$12 00
Appleton.....	14,480 84	1,334 91	.....	15,815 75	1,196 65	98 43	148 91	703 43	2,147 42	4,535 18	535 85	\$153 90	52 04
Ashland.....	10,145 18	1,128 87	49 50	11,323 55	1,890 43	90 72	39 70	888 51	2,899 36	2,706 71	605 88	326 03	75 02
Bayfield.....	2,528 50	293 42	4 50	2,826 42	408 30	21 47	18 00	135 08	581 55	2,740 73	149 67	12 58	5 50
Beaver Dam.....	11,308 54	475 39	.....	11,783 93	852 39	72 22	53 30	451 08	1,428 97	2,616 65	525 28	40 33	17 90
Beloit ¹	11,123 86	536 97	58 52	11,719 35	1,014 41	84 22	86 90	607 86	1,793 39	2,988 65	304 92	237 13	35 37
Brookfield.....	1,051 00	69 46	.....	1,120 46	84 35	8 12	.....	51 81	144 28	373 25	133 05	5 83	18 29
Burlington.....	4,670 86	404 48	41 00	5,116 34	523 75	43 04	27 48	280 05	874 32	1,719 17	194 38	20 50	5 25
Burnett Jct.....	883 85	42 84	.....	936 69	98 18	9 20	.....	46 93	154 34	390 00	122 90	.....	1 13
Cedarburg.....	1,121 81	108 11	.....	1,229 92	109 73	5 87	.....	38 30	151 90	354 98	60 00	.....	.....
Chippewa Falls.....	13,036 51	407 52	4 90	13,448 93	974 32	78 23	34 88	506 23	1,563 68	2,694 94	509 12	294 35	15 73
Columbus.....	1,416 35	277 17	7 50	1,701 02	409 60	34 85	8 50	216 30	1,089 35	1,351 86	164 19	12 63	25 65
Corliss.....	653 08	55 07	.....	708 15	101 81	8 76	18 00	40 08	170 83	431 79	125 50	11 49	27 57
Darlington.....	2,643 57	210 54	.....	2,854 11	317 95	15 90	10 70	165 18	518 15	1,070 69	192 89	14 93	1 56
De Pere.....	8,945 32	219 83	.....	9,165 25	671 31	66 89	15 90	421 17	1,175 27	2,296 32	378 80	49 95	96 10
Delavan.....	7,136 80	412 49	55 00	7,604 29	593 06	47 79	44 75	354 51	1,040 11	1,801 61	184 80	111 73	12 02
Eau Claire.....	33,511 03	1,098 03	297 50	34,896 56	2,890 05	185 71	622 91	1,318 06	4,938 67	6,272 92	976 84	1,213 22	35 19
Elkhorn.....	1,297 28	250 68	20 00	1,568 16	236 27	19 89	5 02	138 95	429 13	710 45	166 34	5 77	14 95
Fond du Lac.....	38,753 45	1,715 48	143 00	41,611 93	2,608 56	180 05	208 18	1,253 32	4,258 12	8,016 18	974 56	169 03	47 62
Fort Atkinson.....	394 79	256 40	.....	651 19	156 56	16 83	.....	88 98	271 35	499 00	151 25	.....	28 92
Genoa Jct.....	3,210 17	172 23	.....	3,382 40	340 87	23 06	5 50	178 91	548 24	606 77	204 95	2 00	17 00
Grand Rapids.....	167 50	163 48	.....	330 98	156 21	6 17	.....	40 19	394 57	339 50	81 85	.....	3 00
Green Bay.....	46,434 74	2,750 23	12 00	49,237 97	3,331 18	290 61	494 40	2,642 84	8,956 13	9,587 20	1,350 65	2,798 92	224 74
Green Lake.....	804 20	122 09	.....	926 29	90 80	4 82	.....	35 86	122 60	274 58	.....	.....	.....
Hartford.....	3,141 58	345 34	4 50	3,491 42	336 23	21 20	7 50	122 24	490 16	1,080 60	264 83	.....	13 30

¹ Discontinued during 1907.

¹ Discontinued during 1907.

Hartland.....	1,027.56	216.10	1,043.66	185.11	15.30	2.50	101.08	314.08	838.83	114.04	8.03	9.30
Horton.....	1,471.78	113.01	1,584.79	118.27	9.50	3.30	59.23	180.50	494.55	212.65	36.15	
Hortonville.....	3,332.54	116.37	3,448.91	284.88	26.57	20.85	184.19	526.49	1,148.10	222.65		
Hurley.....	4,345.41	149.09	4,494.50	421.94	35.73	145.00	201.85	719.62	1,079.97	153.05	36.34	
Janeville.....	16,185.54	893.51	17,104.05	1,662.94	118.30		793.97	2,710.21	4,672.21	748.23	385.81	147.55
Jefferson.....	3,200.36	189.66	3,449.02	348.15	30.63	24.44	212.31	613.53	1,064.25	130.00	18.43	28.07
Juneau.....	1,126.06	161.80	1,287.86	157.08	13.07	2.00	72.56	244.71	707.57	132.87		5.49
Kankana.....	1,301.26	224.89	1,526.15	619.35	56.28	42.94	352.66	1,071.23	2,109.72	573.40	361.44	52.19
Kewaunee.....	1,864.38	199.05	2,063.43	179.86	12.87	7.00	74.24	274.47	438.34	156.53		9.80
La Crosse.....	35,447.43	921.24	36,475.17	3,270.76	207.71	461.36	2,156.41	6,150.56	6,350.22	1,490.02	2,047.20	123.51
Lake Geneva.....	14,720.91	467.57	15,204.51	1,416.74	115.30	77.75	650.41	2,260.20	3,889.57	612.40	238.61	97.11
Lancaster.....	2,740.06	146.05	2,886.11	256.58	21.01	5.00	108.86	384.75	887.78	243.92		14.25
Lima Center.....	1,267.38	44.14	1,311.52	99.97	8.95	2.00	64.10	187.02	30.80	50.15		51.52
Madison.....	30,348.70	2,818.35	33,423.50	3,735.64	300.40	862.85	2,504.60	6,193.88	9,214.43	1,817.04	2,818.12	94.06
Manitowish.....	18,362.27	1,116.52	19,512.29	1,983.10	98.76	121.32	519.24	1,722.42	3,800.71	750.33	642.44	8.12
Marquette.....	21,410.65	913.88	22,339.53	1,239.85	98.10	115.60	720.64	2,174.29	4,150.05	811.51	406.05	8.08
Mayville.....	1,707.10	225.32	1,932.62	235.35	14.72	7.00	90.27	353.54	523.71	101.87	1.00	3.84
Menomonie.....	13,705.74	532.24	14,338.87	1,068.47	81.40	129.32	608.83	1,880.42	2,321.32	513.35	275.17	32.90
Milwaukee.....	846,814.24	15,453.95	898,029.25	44,579.19	4,381.47	12,317.90	27,942.90	88,421.58	170,037.91	23,587.65	28,317.30	1,550.46
Neenah-Menasha.....	20,774.91	1,263.27	22,167.89	1,198.17	97.20	194.97	550.97	2,032.31	4,060.54	367.32	195.84	43.91
New London.....	3,411.25	126.37	3,737.62	407.96	35.14	20.38	227.71	691.09	1,604.77	185.84	71.01	9.45
Ononowoc.....	8,525.69	625.76	9,151.92	661.48	53.53	8.00	336.59	1,069.60	1,868.92	391.04	45.80	25.09
Ontonio.....	5,352.73	447.45	5,800.18	655.54	53.80		330.23	1,010.57	1,735.18	480.52	6.99	9.15
Ontonio Falls.....	1,214.76	112.57	1,327.33	124.38	10.15		34.69	189.22	540.00			
Omro.....	2,926.15	157.46	3,083.61	186.68	13.04	15.14	224.75	591.81	711.49	150.27	5.75	55.75
Oshkosh.....	49,759.47	2,589.29	52,370.39	3,277.33	275.38	103.90	2,788.08	6,445.29	10,312.73	1,449.38	845.47	107.26
Peshigo.....	1,385.06	222.85	1,607.91	142.19	11.35		62.78	216.50	106.21	42.35		9.20
Port Washington.....	2,774.48	354.85	3,179.43	368.12	24.63	8.93	162.35	544.03	1,155.21	240.10	1.94	1.05
Princeton.....	885.46	130.38	853.84	137.25	8.05	1.25	68.04	214.50	435.97	72.00		12.00
Racine.....	32,704.24	1,610.57	34,438.47	3,509.26	290.46	354.72	1,932.84	6,077.80	8,492.63	1,320.78	2,161.22	53.12
St. Martins.....	907.60	84.13	891.73	144.04	14.31		60.86	228.21	790.20	104.38		25
Shawano.....	3,913.96	462.84	4,376.80	577.17	30.95	22.35	201.82	653.53	1,573.55	208.94	22.02	11.90
Shullsburg.....	1,341.19	161.28	1,502.47	322.05	16.62	14.25	72.62	340.00	130.00	120.00		
South Milwaukee.....	5,720.11	308.18	6,028.29	574.00	15.61	35.77	209.60	613.74	1,209.11	381.73	18.50	68.40
Stanley.....	2,494.31	143.42	2,637.73	263.50	20.35	5.65	144.22	433.40	790.76	180.67	10.88	6.90
Stevens Point.....	11,396.85	535.99	12,158.95	1,098.89	77.61	45.88	610.31	1,743.09	3,189.12	693.61	173.70	25.50
Stoughton.....	8,444.77	341.53	8,252.72	553.96	46.23	30.00	297.86	1,675.38	270.80	270.80	69.65	12.75
Waukegan Bay.....	8,940.77	393.45	8,944.72	894.72	20.04		384.25	1,385.43	553.70	3.00		11.55
Watertown.....	2,275.77	250.60	2,632.67	433.78	20.97	21.32	101.47	675.74	1,248.02	109.53	1.23	8.60
Watertown.....	10,751.30	688.09	11,561.80	1,068.00	77.53	77.93	494.38	1,565.64	3,063.60	773.57	127.06	83.43

1 Loss.

TABLE I.—TELEPHONE COMPANIES, 1907.—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	OPERATING REVENUES.			OPERATING EXPENSES.								
	Subscribers' rentals.	Terminal charge on long distance business.	Miscellaneous revenues.	General.			Operating.					
				Salaries and wages.	Rent, light and heat (gen. offices).	Directory expenses.	Sundry supplies and expense.	Total general.	Salaries and wages.	Rent light and heat (exch. man'g't).	Advertising and canvassing.	Sundry supplies and expense.
Waukesha	\$17,271 86	\$1,071 02	\$101 90	\$1,241 67	\$119 18	\$110 81	\$757 42	\$2,329 08	\$4,325 41	\$988 70	\$784 04	\$26 06
Waupun	2,490 07	342 43	08	374 65	24 38	5 50	140 08	550 61	921 57	132 85	...	14 80
West Bend	3,239 33	310 19	6 03	315 30	20 11	22 93	124 77	483 11	1,028 89	180 31	...	2 80
Whitewater	6,339 85	353 07	...	619 87	51 68	32 00	289 91	983 46	1,670 23	493 44	6 00	47 32
Winneconne	310 33	77 73	...	51 30	4 08	...	20 47	81 86	188 56	...	...	...
Total, ex. sys.	\$1,488,086 08	\$52,325 15	\$7,394 07	\$98,084 12	\$9,669 76	\$17,074 71	\$50,142 14	\$183,870 73	\$320,069 49	\$50,034 41	\$46,089 81	\$3,712 40
Total, toll sys. ....	...	...	...	17,331 50	1,033 43	75 34	5,584 19	24,175 78	29,902 26	1,073 42	642 18	946 50
Total, entire sys.	\$1,488,086 08	\$52,325 15	\$7,394 07	\$116,515 62	\$10,723 19	\$17,071 37	\$54,730 33	\$208,046 51	\$350,971 75	\$51,707 83	\$50,731 99	\$4,558 90

¹ The details of toll system total operating revenues are as follows:

Toll service.....	\$164,482 80
85% of tolls originating from W. T. Co. exchanges.....	286,509 15
Private line and sub-licensee companies.....	22,447 45
Profit on material sold.....	16,478 39
Net income from messenger service.....	189 19
Miscellaneous toll earnings.....	83
Total.....	\$300,087 87

² Net gain.

TABLE 1.—TELEPHONE COMPANIES, 1907.—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems,
Operating Expenses—Continued.

LOCATION OF EXCHANGE.	Operating and concluded operating.	CURRENT REPAIRS.				Instrument rentals.	Real estate expense.	RECONSTRUCTION AND DEFERRED REPAIRS.				Total reconstruction and deferred repairs.	
		Salaries and wages.	Rent, light and heat.	Material and supplies.	Sundry expense.			Total current repairs.	Salaries and wages.	Material and supplies.	Sundry expense.		Reserve.
Alcona.....	\$853.85	\$382.50	\$10.00	\$126.17	\$80.54	\$609.21	\$175.40		\$38.15	\$64.92	\$13.54	\$218.46	\$48.37
Appleton.....	5,277.06	1,875.05		601.78	500.70	3,067.59	1,035.49		312.91	657.50	35.65	499.08	1,505.83
Ashland.....	3,773.64	2,328.42	2.00	1,026.67	349.40	3,728.55	781.39		4,509.00	1,878.79	1,129.37	\$5,016.90	2,300.96
Bayfield.....	1,948.48	382.31	35.00	170.01	183.01	756.41	198.56		237.20	180.80	6.95	\$540.47	\$115.52
Beaver Dam.....	3,200.16	2,131.10		630.02	359.08	3,120.80	640.35		926.16	712.85	183.75	\$485.20	827.47
Beloit ¹	3,516.07	2,055.32		680.08	266.67	3,002.87	646.29		1,083.09	4,246.53	254.91	\$5,015.67	1,178.86
Brookfield.....	1,820.42	8.85	3.50	108.00	158.04	1,088.39	66.04		23.42	26.27	101.40	\$349.10	502.19
Burlington.....	1,820.42	888.09	24.00	425.40	283.41	1,621.50	343.79		107.30	152.14	13.61	\$603.37	\$230.32
Burnett Jct.....	514.03	41.91		157.60	126.00	225.60	52.13		5.55	22.11	24.95	\$272.43	325.04
Cedarburg.....	414.86	22.61		10.07	61.63	94.31	99.08		26.34	36.69	.....	\$7.80	150.92
Chippewa Falls.....	3,504.15	1,880.00		536.38	451.68	2,870.15	697.40		708.09	1,183.15	156.46	\$1,340.93	706.77
Columbus.....	1,554.33	1,014.53	12.50	180.35	221.57	1,428.05	277.06		165.83	501.19	30.27	\$417.12	280.17
Corliss.....	586.35	26.83	5.40	44.71	85.20	160.23	45.02		7.04	20.18	3.65	\$46.08	487.55
Darlington.....	1,280.07	430.47		107.57	85.34	623.38	179.14		104.99	126.69	28.88	\$207.33	55.23
De Pere.....	2,731.03	1,706.41		303.32	400.05	2,409.78	460.60		1,703.74	1,266.11	469.15	\$2,065.42	1,489.58
Delavan.....	2,119.96	1,184.75	19.00	282.72	635.90	2,102.37	436.37		477.48	534.27	185.93	\$559.94	657.74
Eau Claire.....	8,498.17	5,843.57	498.13	1,443.50	947.42	8,732.62	1,802.86	\$813.18	7,223.86	5,726.97	1,923.94	\$11,545.58	3,341.19
Elkhorn.....	897.51	407.08		67.56	261.49	817.03	130.75		72.48	126.43	4.00	\$425.07	\$222.16
Fond du Lac.....	9,207.39	4,553.83	45.00	1,425.10	570.94	6,594.87	2,204.51		1,365.96	1,364.44	275.90	\$405.30	2,401.00
Fort Atkinson.....	679.17	107.62		132.87	117.00	257.49	92.88		6.00	30.26	.....	\$107.02	\$70.70
Genoa Jct.....	830.72	628.50		283.81	295.08	1,206.38	192.57		57.61	123.67	13.40	\$6.50	188.18
Grand Rapids ¹	424.35	16.14		3.03	23.19	42.36	64.31		2.60	12.54	1.55	\$114.50	131.19
Green Bay.....	13,950.51	6,308.57	727.32	1,714.56	1,319.22	10,319.22	2,867.47	1,368.72	2,219.85	2,706.58	420.22	\$976.08	6,322.73
Green Lake.....	274.58	68.75	6.90	6.90	79.71	155.36	71.56		8.92	29.00	1.50	\$116.43	155.83
Hartford.....	1,308.73	308.90		82.26	118.97	510.13	240.78		611.91	814.27	231.38	\$749.26	1908.30

¹Discontinued during 1907. ²Indicates deductions from maintenance reserve for current reconstruction. ³Net gain.

Oshkosh.....	\$12,714 84	\$7,138 86	\$739 15	\$1,702 33	\$1,444 22	\$11,084 56	\$2,038 90	\$1,119 31	\$3,928 92	\$2,530 30	\$1,259 69	\$1,463 38	\$7,452 43
Peshigo.....	158 36	345 39	.....	141 36	230 54	707 29	127 06	.....	71 16	45 97	8 41	170 76	101 20
Port Washington.....	1,548 94	387 71	.....	218 60	126 69	736 80	237 02	.....	1,753 61	1,507 67	617 16	13,253 66	445 58
Princeton.....	1,540 57	88 13	.....	39 13	35 57	164 13	174 56	.....	17 83	22 06	1 18	89 64	100 86
Racine.....	12,027 75	7,382 80	671 10	2,141 23	1,493 39	11,065 52	1,921 36	1,171 50	10,175 04	6,574 83	3,735 24	10,625 58	9,839 73
St. Martins.....	806 68	98 34	.....	15 07	139 40	250 81	60 49	.....	7 75	26 95	10 85	205 54	251 09
Shawano.....	1,617 07	568 14	4 00	275 00	163 90	951 01	291 95	.....	824 08	1,249 83	315 51	12,460 18	216 73
Shullsburg.....	900 00	304 06	.....	17 22	183 21	469 49	116 71	.....	27 89	43 18	16 00	1,144 68	236 01
South Milwaukee.....	1,673 74	801 87	.....	69 79	167 50	1,059 22	361 82	.....	1,909 26	1,040 56	782 80	11,843 19	1,838 76
Stanley.....	983 11	431 16	.....	175 60	124 78	730 36	152 53	.....	35 53	90 51	7 18	1,542 18	2,508 90
Stevens Point.....	3,976 83	1,956 16	36 00	316 18	229 80	2,538 14	670 57	.....	370 07	600 51	124 55	1,988 58	256 85
Stoughton.....	2,034 09	1,352 30	2 25	208 71	499 31	2,062 03	146 07	.....	530 57	358 33	326 76	1,680 75	535 91
Sturgeon Bay.....	3,015 43	1,713 31	10 00	453 49	417 84	2,625 14	585 11	.....	1,799 23	2,628 31	564 92	14,113 83	676 30
Washburn.....	1,535 46	617 35	.....	105 60	183 24	861 16	180 26	.....	174 07	520 22	41 25	1,400 85	126 59
Watertown.....	4,068 57	1,779 10	.....	297 52	239 47	2,336 09	679 25	.....	569 86	594 57	37 62	11,315 82	86 36
Waukesha.....	6,124 21	2,156 85	.....	781 25	708 10	3,646 20	1,078 23	.....	988 02	1,282 81	176 92	1216 89	2,210 16
Waupun.....	1,069 32	530 49	31 50	189 16	235 87	491 82	253 14	.....	61 77	124 03	19 71	1,415 76	210 23
West Bend.....	1,212 00	232 76	7 25	134 11	31 00	143 42	234 73	.....	90 98	178 54	.....	402 10	541 31
Whitewater.....	2,219 99	1,370 57	39 00	372 16	294 39	2,076 74	384 18	.....	1,358 92	2,040 32	583 20	13,351 61	440 92
Winneconne.....	116 56	57 71	.....	18 74	67 29	145 74	36 69	.....	9 48	.....	.....	153 56	153 96
Total, ex. sys.....	\$430,506 11	\$193,499 48	\$12,606 35	\$49,633 06	\$54,784 82	\$289,523 71	\$61,284 74	\$27,501 23	\$171,862 61	\$119,868 01	\$22,220 54	\$107,121 83	\$206,829 33
Total, toll sys.....	32,464 36	28,210 15	27 75	6,282 22	22,666 06	51,228 20	8,216 26	322 75	20,661 07	16,725 42	8,014 42	63,594 33	111,465 20
Total, entire sys.....	\$462,970 47	\$221,709 63	\$12,634 10	\$55,915 28	\$77,450 88	\$340,751 91	\$69,450 89	\$27,823 98	\$192,523 68	\$136,593 43	\$30,234 92	\$170,716 16	\$318,314 53

¹Indicates deductions from maintenance reserve for current reconstruction.²Net gain.³Net deductions from maintenance reserve for exchange systems.⁴Net deduction from maintenance reserve for entire company.

TABLE I.—TELEPHONE COMPANIES: 1907.—Continued.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	Total operating expenses.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Total.	Surplus or deficit.
					Taxes.	Interest.			
Albion.....	\$1,924 33	\$765 05		\$765 05	\$161 47	\$125 33		\$286 80	\$478 25
Appleton.....	13,033 32	2,782 43		2,782 43	161 19	700 24		1,037 43	1,125 00
Ashland.....	13,773 20	22,449 65		22,449 65	710 44	684 17		1,384 61	23,818 26
Bayfield.....	2,329 48	496 94		496 94	182 65	155 79		338 45	138 49
Beaver Dam.....	9,217 75	2,566 18		2,566 18	580 19	532 47		1,122 66	1,443 52
Beloit.....	10,137 48	1,581 87		1,581 87	569 73	651 96		1,221 69	360 18
Brookfield.....	1,402 81	2,282 35		2,282 35	61 38	59 55		120 93	2,403 28
Burlington.....	4,448 08	737 66		737 66	315 92	317 14		633 06	94 60
Burnett Jet.....	1,271 14	234 45		234 45	48 16	67 23		115 39	2,449 84
Cedarburg.....	911 19	378 73		378 73	90 97	36 85		130 82	247 81
Chippewa Falls.....	9,372 13	4,076 80		4,076 80	640 79	564 01		1,204 80	2,872 00
Columbus.....	4,269 80	491 16		491 16	260 18	258 57		518 75	27 39
Corliss.....	1,469 88	2751 53		2751 53	42 49	64 33		106 82	2,688 35
Darlington.....	2,715 97	138 14		138 14	164 96	172 55		337 51	2199 37
De Pere.....	8,326 36	638 89		638 89	424 12	456 90		881 02	242 03
Delavan.....	6,396 45	1,267 84		1,267 84	399 40	381 37		780 77	507 07
Eau Claire.....	28,154 63	6,741 96	\$1,465 22	8,207 18	1,665 02	1,465 00		3,130 02	5,077 16
Elkhorn.....	2,052 26	2,504 12		2,504 12	120 26	147 97		268 23	2,235 89
Fond du Lac.....	24,725 89	16,886 04		16,886 04	2,065 49	1,379 03		3,444 52	13,421 52
Ft. Atkinson.....	1,230 13	2578 94		2578 94	85 59	90 97		166 56	2,445 50
Genoa Jet.....	2,966 19	416 21		416 21	175 59	174 19		349 78	66 43
Grand Rapids ¹	806 78	2565 80		2565 80	36 42	47 85		104 27	2,610 07
Green Bay.....	41,826 78	7,376 19	1,994 56	9,370 75	2,641 17	2,157 64		4,788 81	4,571 94
Green Lake.....	779 86	146 34		146 34	65 36	34 90		100 26	46 08
Hartford.....	3,458 10	39 32		39 32	221 97	153 50		375 47	2342 15
Hartland.....	1,766 95	76 71		76 71	123 77	110 08		233 85	2157 14
Horton.....	1,308 56	276 20		276 20	90 16	68 30		158 46	117 74
Hortonville.....	3,042 07	406 84		406 84	166 96	193 92		360 78	46 06
Hurley.....	3,180 24	1,314 86		1,314 86	222 73	213 74		436 47	678 39
Janesville.....	14,968 56	2,175 46		2,175 46	897 78	871 07		1,768 85	406 61

¹ Discontinued during 1907.

² Deficit.

Jefferson.....	\$3,397.87	\$72.05	.....	\$52.05	\$184.06	\$224.25	\$408.31	\$1,353.26
Juniata.....	1,454.05	1,02.59	.....	1,12.50	69.63	96.41	186.04	186.03
Kaukana.....	8,661.21	1,043.46	.....	1,443.46	389.64	416.73	840.37	1,174.83
Keweenaw.....	2,195.70	1,132.29	.....	1,132.29	129.13	196.46	225.30	1,357.88
La Crosse.....	36,082.11	383.06	2,233.30	2,623.45	1,693.30	1,891.03	3,543.36	1,860.91
Lake Geneva.....	15,183.59	75.92	.....	75.92	724.27	870.95	1,595.22	11,510.30
Lancaster.....	2,769.98	200.92	.....	200.92	151.60	149.83	301.43	1,000.51
Lima Center.....	1,165.01	146.71	.....	146.71	63.27	55.87	119.14	27.57
Madison.....	48,377.97	114,654.47	2,698.81	112,255.66	2,003.26	2,170.09	4,193.95	116,449.61
Manitowoc.....	14,950.74	4,501.55	.....	4,501.55	1,054.17	618.38	1,702.55	2,880.00
Marquette.....	15,061.15	7,258.38	.....	7,258.38	1,110.53	715.36	1,834.83	5,423.40
Mayville.....	1,614.83	317.79	.....	317.79	130.42	102.22	232.64	83.15
Menomonee.....	11,038.74	3,900.13	.....	3,900.13	703.02	609.62	1,312.64	1,987.29
Milwaukee.....	634,005.01	254,024.24	41,106.56	265,130.80	39,509.57	31,655.97	71,165.54	223,965.26
Neshanic.....	13,637.01	8,530.88	.....	8,530.88	1,189.55	725.96	1,915.51	6,615.37
New London.....	3,735.08	2.54	.....	2.51	217.08	256.46	474.14	1,171.60
Oconomowoc.....	7,927.69	1,229.63	.....	1,229.63	521.43	381.74	911.17	318.73
Oconto.....	5,564.19	235.99	.....	235.99	339.42	425.83	765.25	1,529.26
Oconto Falls.....	1,005.60	321.73	.....	321.73	79.61	73.66	153.19	169.54
Omro.....	2,883.40	200.21	.....	200.21	161.80	73.58	235.38	135.17
Oshkosh.....	41,785.03	10,785.36	2,067.83	12,873.19	2,732.31	2,061.98	4,704.29	8,073.90
Peshigo.....	1,108.03	409.88	.....	409.88	116.38	86.83	203.21	296.67
Port Washington.....	3,432.37	1,252.94	.....	1,252.94	216.50	190.30	380.80	1,649.74
Princeton.....	1,094.73	1,256.89	.....	1,256.89	108.71	59.64	126.35	1,387.24
Racine.....	42,753.66	8,315.19	1,971.42	16,343.77	1,766.28	2,085.94	3,552.22	110,195.99
St. Marthus.....	1,087.28	1,805.55	.....	1,805.55	55.74	69.51	155.25	1,900.80
Shawano.....	3,476.44	851.86	.....	851.86	267.74	217.77	485.51	586.35
Shullsburg.....	1,773.51	171.05	.....	171.05	105.90	125.91	231.87	1,902.92
South Milwaukee.....	5,545.88	554.41	.....	554.41	333.96	249.00	582.98	128.57
Stanley.....	2,102.52	535.21	.....	535.21	139.97	147.10	287.07	248.14
Stevens Point.....	9,186.08	2,972.87	.....	2,972.87	616.36	561.17	1,177.53	1,785.34
Stoughton.....	6,007.43	3,215.29	.....	3,215.29	456.14	355.04	811.18	2,401.11
Sturgeon Bay.....	8,147.41	817.31	.....	817.31	493.52	508.04	1,062.46	1,183.15
Washburn.....	3,279.24	1,640.67	.....	1,640.67	164.44	201.96	376.40	1,013.07
Watertown.....	8,725.95	2,856.94	.....	2,856.94	625.09	564.90	1,189.89	1,646.05

1 Deficit.

TABLE I.—TELEPHONE COMPANIES, 1907.—Concluded.
Detailed Income Account of Wisconsin Telephone Company by Operating Systems.

LOCATION OF EXCHANGE.	Total operating expenses.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Taxes.	Interest.	Total.	
Waukesha	\$15,387 88	\$3,057 50	.....	\$3,057 50	\$902 13	\$887 81	\$1,579 94	\$1,177 56
Waupun	2,633 66	686 92	.....	686 92	214 40	174 84	389 24	309 68
West Bend	2,916 56	639 57	.....	639 57	215 87	146 23	362 10	277 47
Whitewater	6,112 29	560 63	.....	560 63	355 00	369 07	724 07	2143 44
Winneconne	426 77	238 71	.....	238 71	33 44	28 75	62 19	2100 90
Total, exchange system.....	\$1,219,515 85	\$228,900 05	\$53,557 79	\$382,457 84	\$74,670 54	\$93,068 46	\$137,737 00	\$244,720 84
Total, toll system.....	1,241,957 36	258,130 51	16,264 13	274,414 64	6,688 95	7,670 14	14,359 09	280,055 55
Total, entire system	\$1,461,473 21	\$587,030 56	\$69,841 92	\$656,872 48	\$81,359 49	\$70,738 60	\$152,098 09	\$504,776 39

¹ Includes sub-licensee expense, \$8,062.79.

² Deficit.

TABLE II.—TELEPHONE COMPANIES, 1907.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

EXCHANGE.	NAME OF COMPANY.	OPERATING REVENUE.					OPERATING EXPENSES.				
		Sub- scribers' rentals.	Other ex- change earnings.	Income from toll service.	Miscellaneous income from operation.	Total income from operation.	General.				
							Salaries and wages.	Rent, light and heat.	Directorial expense.	Miscellaneous general expense.	Total.
Antigo.	Antigo Telephone Co.	\$10,440 52	\$538 50 ¹	\$4,707 86	.....	\$15,684 88	.....	.....	\$40 00	\$106 00	\$206 00
Appleton.	Fox River Valley T. & T. Co.	26,190 17	.....	1,594 35	.....	26,774 32	.....	.....	60 00	273 10	2,531 10
Ashland.	Ashland Telephone Co.	19,072 28	497 28	1,370 15	.....	20,940 10	.....	\$300 00	82 00	328 50	821 50
Baraboo.	Baraboo Telephone Co.	8,502 09	1,042 28	1,360 13	65 04	10,138 04	.....	.....	25 00	118 31	843 51
Beloit.	Beloit Home Telephone Co.	10,366 35	579 22	214 05	60 85	11,253 15	.....	.....	80 32	445 34	1,150 66
Chippewa Falls.	Chippewa County Telephone Co.	7,573 84	639 00	.....	.....	8,212 84	.....	.....	30 28	213 40	1,554 02
Grand Rapids.	Wood County Telephone Co.	9,369 88	.....	700 15	.....	10,040 03	.....	.....	24 00	250 88	3,722 34
Green Bay.	Fox River Valley T. & T. Co.	22,238 40	.....	335 05	.....	22,573 45	.....	.....	110 00	408 00	1,718 00
Kenosha.	Kenosha Home Telephone Co.	28,905 81	749 50	300 02	.....	31,955 44	.....	.....	103 55	419 77	1,513 32
La Crosse.	La Crosse Telephone Co.	33,617 87	27 00	1,661 01	.....	35,305 88	.....	463 13	380 00	1,151 62	6,086 65
Madison.	Dane County Telephone Co.	44,418 18	.....	3,500 40	.....	48,008 58	.....	.....	100 00	880 00	3,764 00
Merrill.	Merrill Telephone Co.	9,440 10	.....	1,016 00	.....	10,456 10	.....	.....	100 00	150 00	250 00
Portage.	Portage Telephone Co.	9,040 53	355 90	3,600 40	.....	13,015 05	.....	.....	.....	64 00	264 00
Rhinelander.	Citizens Telephone Co.	41,576 25	.....	465 28	.....	42,041 53	.....	470 00	328 45	1,108 95	3,654 90
	Rhinelander Mutual Tele. Co.	7,736 70	.....	.....	.....	7,736 70	.....	.....	65 00	100 50	165 50
Sheboygan.	Citizens Telephone Co.	26,548 37	1,112 36	1,466 42	.....	29,127 15	.....	.....	4 10	1,200 91	3,792 57
Superior.	Douglas County Telephone Co.	30,454 04	1,048 18	1,307 57	190 67	32,940 46	.....	.....	449 18	2,503 16	4,474 83
Superior.	Peoples Telephone Co.	31,360 00	.....	1,920 83	.....	33,280 83	.....	.....	210 00	2,604 14	4,208 01
Total.		387,441 42	\$6,637 30	\$24,738 78	\$266 06	\$417,522 86	\$23,516 66	\$2,183 31	\$2,404 27	\$12,970 35	\$41,824 59

¹ Refunds deducted, \$2.50. ² Report covers four months of the year. ³ Includes operating expenses. ⁴ Refunds deducted, \$612.80.

⁵ Refunds deducted, \$338.49. ⁶ Refunds deducted, \$7.50. ⁷ Total refunds deducted, \$1,561.39.

TABLE II.—TELEPHONE COMPANIES, 1907.—Continued.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

OPERATING EXPENSES—continued.													
NAME OF COMPANY.	Operating.			Current repairs.							Miscellaneous expenses of operation.		
	Salaries and wages.	Rent, light, and heat.	Advertising and canvassing.	Miscellaneous.	Total.	Ex-change over-head lines.	Ex-change underground lines.	Central office equipment.	Sub-scribers' equipment.	Toll over-head lines.		Miscellaneous current repairs.	Total.	Instru-ment rentals.
Antigo Telephone Co.	\$4,437 38	\$279 20			\$4,716 58	\$2,100 00				\$12 21		\$2,112 21	\$317 08
(Appleton) F. R. V. T. & T. Co.	6,730 00	300 00			7,030 00							2,371 54	
Ashland Home Tel. Co.	8,277 53		\$13 45	\$22 13	8,713 13	250 00		\$425 75	\$615 50	285 50	\$784 70	2,371 54	\$24 50
Baraboo Tel. Co.	2,811 11	583 80		225 98	3,430 89			68 43	40 00		77 62	186 25	119 06
Beloit Home Tel. Co.	2,728 73	463 97	248 07	51 30	3,492 07						2,211 13	2,211 13	250 00
(Chip, Falls) C. Co. Tel. Co.	1,222 50	180 00	28 00	25 00	1,455 50						288 97	288 97	
(Gr. Rapids) Wood Co. T. Co.	(1)	(1)	(1)	(1)	(1)	4,833 27		3,036 96	235 00			8,131 23	
(G. Bay) Fox R. V. T. & T. Co.	11,400 00	240 00			11,640 00	2,300 00			21 00			2,321 00	
Kenosha Home Tel. Co.	7,436 17	1,197 41	302 24	230 51	9,166 33						7,255 62	1,255 62	762 10
La Crosse Tel. Co.	8,238 26	463 94	89 60	713 82	9,505 62	2,543 75	\$133 20	343 55	282 38	108 40	578 42	3,869 17	
(Madison) Dane Co. Tel. Co.	12,712 00	647 00	630 00	1,703 31	15,683 21	2,630 00		490 00	980 00	323 00	67 00	4,400 00	32 00
Merrill Tel. Co.	4,200 00	200 00		616 58	5,016 58	400 00		200 00	100 00		365 30	1,065 30	
Portage Tel. Co.	3,044 75			635 75	3,680 50						1,027 95	1,027 95	
(Racine) Cht. Tel. Co.	8,017 60		436 00	848 00	9,301 60						23,273 32	23,273 32	2,106 80
Rhineland Mut. Tel. Co.	2,615 78	207 37		88 57	2,911 72	748 18		115 61				863 79	218 70
(Sheboygan) Cht. Tel. Co.	3,953 70	1,074 52		16 37	5,103 59						2,508 05	2,508 05	563 62
(Superior) Douglas Co. T. Co.	10,221 97	1,061 05	1,157 00	300 45	12,740 47						6,892 78	6,892 78	1,876 10
(Superior) Peoples Tel. Co.	6,148 80	518 83		223 89	6,891 52						23,511 70	23,511 70	
Total	\$104,776 37	\$7,308 05	\$2,864 30	\$6,190 00	\$121,130 38	\$15,805 20	\$133 20	\$4,703 30	\$2,276 80	\$736 11	\$32,803 03	\$36,400 70	\$4,477 50
													\$3,428 00

¹ Included in general expense.² Includes deferred repairs.

TABLE II.—TELEPHONE COMPANIES, 1907.—Concluded.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating Exchanges in Cities of Over 5,000 Population.

NAME OF COMPANY	OPERATING EXPENSES—Concluded.						Net operating revenue or deficit.	Income from sources other than operation.	FIXED CHARGES.			Total fixed charges.	Surplus or deficit.
	Reconstruction and Deferred Repairs.					Total operating expenses.			Interest.	Taxes.	Gross income or deficit.		
	Ex-change over-head lines.	Central office equip-ment.	Sub-station equip-ment.	Toll over-head lines.	Miscellaneous deferred repairs.								
Antigo Tel. Co.	\$3,244 00	\$407 56	\$869 35		\$101 80	\$4,712 89	\$5,731 64	\$5,731 64		\$270 95	\$270 95	\$270 95	\$5,460 69
(Appleton) F. R. V. T. & T. Co.					8,740 70	20,474 10	6,300 42	6,300 42		618 06	6,402 29	6,402 29	7,191 87
Ashland Home Tel. Co.	1,150 00		75 00	\$225 00	122 49	13,606 25	7,353 83	7,972 69		500 04	7,301 04	7,301 04	671 65
Baraboo Tel. Co.		19 25				1,925 00	8,175 13	5,800 10		257 38	6,702 00	6,702 00	5,385 28
Beloit Home Tel. Co.					1,856 52	1,956 52	2,173 78	2,173 78		279 85	279 85	279 85	1,893 93
(Chipp. Falls) C. Co. Tel. Co.					2,420 00	2,420 00	2,494 47	2,494 47		150 27	150 27	150 27	2,335 20
(G. Rapids) Wood Co. Tel. Co.						13,853 57	13,853 57	13,213 54		88 66	13,302 13	13,302 13	2,558 31
(G. Bay) F. R. V. T. & T. Co.					5,213 50	5,213 50	10,892 50	1,756 00		461 87	7,547 68	7,547 68	2,701 02
Kenosha Home Tel. Co.					7,113 01	7,113 01	4,481 01	6,044 67		1,447 22	802 50	2,309 72	3,734 95
La Crosse Tel. Co.						19,581 44	15,724 44	16,137 47		1,200 00	883 92	2,083 92	14,033 55
(Madison) Dane Co. Tel. Co.	4,780 00	100 00	1,075 00	350 00	270 00	6,575 00	17,454 37	17,454 37		1,660 87	2,800 87	2,800 87	14,503 50
Merrill Tel. Co.	510 00			280 84		7,391 84	3,234 19	3,234 19		265 40	265 40	265 40	2,908 79
Portage Tel. Co.						5,935 80	5,935 80	5,935 80		675 20	220 55	805 75	5,040 05
(Rhine) Ut. Tel. Co.						18,730 54	22,712 58	22,712 58		1,057 58	8,072 02	8,072 02	14,030 06
Rhinelander Mut. Tel. Co.						4,160 77	3,565 93	3,565 93		456 50	174 87	631 37	2,934 56
(Shohovyan) Cit. Tel. Co.					9,024 70	9,024 70	8,154 43	8,154 43		585 89	585 89	585 89	7,568 54
(Superior) Douglas Co. T. Co.					5,725 29	5,725 29	10,334 61	10,334 61		9,928 53	1,350 03	9,288 16	1,046 45
(Superior) Peoples Tel. Co.							16,671 01	17,042 05		5,202 80	653 66	5,856 46	11,206 19
Total	\$30,684 00	\$526 81	\$2,109 35	\$804 84	\$40,088 37	\$53,873 46	\$136,319 08	\$3,313 30	\$45,639 64	\$10,601 55	\$56,241 19	\$56,241 19	\$83,361 19

¹ Included in current repairs. ² Deficit.

TABLE III.—TELEPHONE COMPANIES, 1907.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Number of exchange systems included in report.	OPERATING REVENUES.				Total income from operation.
			Subscribers' rentals.	Other exchange earnings.	Income from toll service.	Miscellaneous income from operation.	
Abbotsford.	Abbotsford Electric Light and Tel. Co.	1	\$2,346 30	\$103 00	\$52 35		\$2,449 30
Albany.	The United Telephone Company.	1	1,839 30	180 66			1,999 96
Alma.	The Fountain City Telephone Company.	1	208 82				208 82
Almond.	The Almond Telephone Company.	1	2,295 72		348 75		3,114 47
Amery.	The Amery Electric Company.	1	3,853 25		497 04		*4,164 42
Argyle.	Argyle Telephone Company.	1	850 00		52 00	\$197 00	1,099 00
Ashland.	North Wisconsin Toll Line Company.	1			4,204 95		4,204 95
Athens.	Athens Telephone Company.	1	921 75	30 66	4 15		956 56
Augusta.	J. L. Ball Telephone Company.	1	3,478 55	127 70	113 47	26 70	3,746 42
Baldwin.	Baldwin Telephone Exchange.	1	2,850 00				2,850 00
Belleville.	Belleville Telephone Company.	1	2,280 00	30 00			2,310 00
Berlin.	Waushara Telephone Company.	3	5,276 90	385 58	2,493 30		8,155 78
Birmamwood.	Birmamwood Telephone Company.	1	1,060 00		40 00		1,100 00
Blanchardville.	The United Telephone Company.	1	1,299 05	944 42		00 00	1,943 47
Bloomer.	Bloomer Telephone Company.	1	5,748 98	150 69			5,899 67
Boscobel.	Boscobel Telephone Company.	1	1,794 77		101 95	98 00	1,994 72
Bristol.	Bristol Telephone Company.	1	1,463 67				1,463 67
Broadhead.	Broadhead Telephone Company.	1	6,388 74	108 05	916 55	14 45	7,427 49
Brooklyn.	Brooklyn Telephone Company.	1	2,400 00		402 10	3 40	2,805 70
Bruce.	Chippewa Valley Telephone Company.	1	4,387 67		4,286 73	167 45	*8,311 69
Burlington.	Burlington, Brighton & Wheatland Tel. Co.	1	2,499 60	282 05	279 49	16 50	43,030 21
Cambridge.	Cambridge Telephone Company.	1	701 00	20 95			721 95
Cedar Grove.	Cedar Grove Telephone Company.	1	680 55	55 55	88 57		824 67
Clinton.	Clinton Telephone Company.	1	6,064 57	108 27	142 37	10 05	6,325 21
Crandon.	Crandon Telephone Company.	1	2,032 05		212 00		2,244 05
Cumberland.	Cumberland Telephone Company.	1	2,481 21	162 85		18 00	2,662 06
DePere.	Fox River Valley Telephone and Tel. Co.	1	3,567 47		457 79		*3,597 47

* Refunds deducted, \$52.35. * Refunds deducted, \$185.87.
 * Refunds deducted, \$27.43. * Refunds deducted, \$31.91.

Dorchester.....	1	206 75	76 24	44 00	49 00	576 58
Eagle.....	7	14,753 00	785 78			15,538 78
Eagle Telephone Company.....	1	1,200 00	30 00			1,225 00
Elkhorn.....	1	3,932 24			344 21	4,276 45
Ellsworth.....	1	4,111 77		1,210 78	63 80	5,386 35
Florence.....	2	2,030 14		228 80	17 25	2,276 19
Fountain City.....	1	3,031 58				3,061 58
Franksville.....	1	1,462 78		133 75		1,616 53
Frankville Telephone Company.....	1	568 00		78 63		646 63
Frelstad.....	1	323 46	56 80			380 26
Frelstadt and Cedarburg Telephone Co.....	1	1,844 65	50 80	108 18	23 65	2,027 28
Glenwood.....	3	3,154 65		800 93		4,015 58
Glidden.....	1	1,282 20	141 70	60 07		1,483 97
Grafton.....	1	2,073 00		288 12		2,364 12
Grantsburg.....	1	1,678 51	1,124 08			2,802 59
Green Bay.....	1	715 55		304 37		1,019 92
Greenwood.....	1	3,048 55	25 95	138 05		3,213 15
Hillsboro.....	10	16,278 83		1,218 06		17,496 89
Hixton.....	3	12,193 33	51 04	7,408 94	758 92	19,750 27
Hudson.....	1	2,040 00	344 00			2,384 00
Iron River.....	1	2,678 04		141 19		2,819 23
Kilbourn.....	4	3,085 85	105 99	576 34		3,568 18
Knapp.....	1	1,904 55		127 62	18 00	2,050 17
LaFarge.....	1	2,800 00		383 00	19 00	3,202 00
Lake Mills.....	1	881 47		63 17		944 64
Loyal.....	1	492 00		124 56		616 56
McFarland.....	1	761 31		380 48		1,121 79
Mapleton.....	2	2,280 00	156 00			2,436 00
Markesan.....	1	2,128 68	10 00	388 80		2,407 48
Mazomanie.....	1	1,853 54	250 47			2,144 01
Menomonee Falls.....	1	7,286 14	165 93			7,452 07
Milton.....	1	5,178 70	511 04	12,141 36	239 90	18,797 83
Milton and Milton Junction Telephone Co.....	1	8,440 20	378 91			8,819 11
Mineral Point.....	1	678 70		919 69		1,598 39
Monroe.....	1	912 24	57 61			969 85
Monticello.....	2	5,653 15		43 05		5,696 22
Norrisville.....	2			1,725 05		1,725 05
Nellisville.....	2					7,378 20

¹ Refunds deducted \$2.00. ² Refunds deducted \$130.28. ³ Refunds deducted \$2,135.56.

⁴ Refunds deducted \$1.80. ⁵ Commissions to connecting companies deducted \$3,883.37.

TABLE III.—TELEPHONE COMPANIES, 1907.—Continued.
Detailed Income Account of Companies. (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Number of exchange systems included in report.	OPERATING REVENUES.				Total income from operation.
			Subscribers' rentals.	Other exchange earnings.	Income from toll service.	Miscellaneous income from operation.	
New London.....	Fox River Valley Teleph. and Telegraph Co.	1	\$229 04		\$27 75		\$256 79
Norwalk.....	Monroe County Telephone Company.....	1	889 98			\$11 40	901 38
Oakfield.....	Oakfield Telephone Company.....	1	2,291 90		715 94		3,007 84
Picketts.....	Utica Telephone Company.....	1	1,385 50		373 75		1,759 25
Poynette.....	Poynette Telephone Company.....	2	2,790 00		150 00		2,940 00
Prairie du Chien.....	Union Telephone Company.....	1	3,033 25	\$319 23			3,352 48
Rio.....	Peoples Telephone Company.....	6	7,993 05	558 01	879 83	109 35	9,440 24
Ripon.....	Ripon Telephone Company.....	1	3,993 74	539 04	59 32		4,592 10
River Falls.....	Pierce County Telephone Company.....	1	5,292 14		1,001 67	110 45	6,394 26
Roberts.....	Pierce County Telephone Company.....	1	630 00		318 67	6 65	955 32
Rochester.....	Burlington, Rochester & Kansasville T. Co.	1	3,338 15	437 13	437 95	53 30	4,206 53
Rosendale.....	Rosendale Telephone Company.....	1	361 00	35 00	20 00	3 00	419 00
Seymour.....	Shiocton Telephone Company.....	1	1,361 00	180 00	120 00	12 00	1,673 00
Sharon.....	Sharon Telephone Company.....	1	3,455 20	68 00			3,523 20
Shiocton.....	Shiocton Telephone Company.....	1	1,465 00	48 00	420 00	36 00	1,969 00
Sparta.....	Monroe County Telephone Company.....	1	9,905 29	171 56	2,240 74	55 15	12,372 74
Sun Prairie.....	Interurban Telephone Company.....	1	3,020 00		627 00	11 00	3,658 00
Tomahawk.....	Electric, Water and Telephone Company.....	1	3,438 01	203 66	205 79		3,907 46
Turtle Lake.....	City Telephone Company.....	1	515 40		68 98		584 38
Viroqua.....	The Viroqua Telephone Company.....	1	4,580 09	547 73	287 08		5,414 90
Washburn.....	Bayfield County Telephone Company.....	1	3,886 67	274 09			4,160 76
Waterloo.....	Interurban Telephone Company.....	1	2,545 00		343 00	10 00	2,898 00
Wausaukee.....	Wausaukee Telephone Company.....	1	1,106 00		23 77		1,129 77
Wausaukee.....	Wausaukee Telephone Company.....	1	1,029 50				1,029 50
Westby.....	Westby Telephone Company.....	1	3,835 30	117 42	209 35		4,162 07
Wittenberg.....	Wittenberg Telephone Company.....	1	501 92	123 82	130 00	21 80	777 54
Wrightstown.....	Fox River Valley Teleph. and Telegraph Co.	1	534 80		294 00		828 80
Total.....			\$207,202 56	\$10,378 04	\$52,906 84	\$2,346 54	\$273,833 98

¹ Report is for last three months of 1907.

² Refunds deducted, \$38.84.

³ Refunds deducted, \$8.95.

⁴ Refunds deducted, \$40.16.

⁵ Total deductions, \$7,429.39.

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Income Account of Companies. (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	General Expense.					Operating Expense.			
		Salaries and wages.	Rent, light and heat.	Direct-ory expense.	Miscellaneous general expense.	Total.	Salaries and wages.	Rent, light and heat.	Miscellaneous operating expense.	Total.
Abbotsford	Abbotsford Electric Light and Tel. Co.				\$27 00	\$27 00	\$1,100 00	\$30 00		\$1,190 00
Albany	The United Telephone Company	867 79		\$10 00	21 94	147 96	379 72	30 40	\$10 43	420 55
Alma	The Fountain City Telephone Company			38 23			200 00			200 00
Almond	The Almond Telephone Company	501 81		1 10	380 47	883 38	634 55			634 55
Amery	The Amery Electric Company	840 00			212 60	1,072 60	1,175 00	106 05	138 14	1,419 19
Argyle	Argyle Telephone Company			20 00	4 00	24 00	500 01	204 00	11 60	715 00
Ashland	North Wisconsin Toll Line Company	480 00			582 50	1,062 50	500 31		730 97	1,291 34
Athens	Athens Telephone Company	40 00			12 75	52 75	235 25			235 25
Augusta	J. L. Hall Telephone Company			15 00	63 25	78 25	2,552 00	226 25		2,778 25
Baldwin	Baldwin Telephone Exchange	200 00				200 00	615 00			615 00
Bellefonte	Bellefonte Telephone Company	300 00		6 00	38 00	344 00	780 00	30 00		810 00
Berlin	Waushara Telephone Company	697 00	\$142 00		365 51	1,204 51	1,622 13	125 00	72 99	1,820 12
Birmingham	Birmingham Telephone Company						300 00	60 00	50 00	410 00
Blanchardville	The United Telephone Company	184 36		48 42	15 25	248 03	672 12	51 00	15 93	739 05
Bloomer	Bloomer Telephone Company	305 00	12 00	20 00	30 00	387 00	1,401 00	100 00		1,501 00
Boscobel	Boscobel Telephone Company	476 00	140 00		37 00	653 00	414 05			414 05
Bristol	Bristol Telephone Company	127 48			71 00	198 48	748 08			748 08
Brookfield	Brookfield Telephone Company	350 00	34 56	15 00	201 83	601 39	1,238 00	115 00	708 64	2,061 04
Brooklyn	Brooklyn Telephone Company	84 00		24 90	32 28	140 88	1,144 00	227 27	29 12	1,400 39
Bruce	Chippewa Valley Telephone Company	648 40			618 63	1,267 03	1,908 82	275 17		2,184 59
Burlington	Burlington, Brighton & Wheatland Tel. Co.	200 00		11 03	58 03	269 06	530 04			530 04
Cambridge	Cambridge Telephone Company			14 00	14 00	28 00	482 00	83 35	31 31	596 66
Cedar Grove	Cedar Grove Telephone Company	74 00		15 00	55 94	144 94	225 00			281 00
Clinton	Clinton Telephone Company	45 00		15 00	197 70	257 70	1,731 25	115 30		1,846 04
Crandon	Crandon Telephone Company				15 00	15 00	1,070 00	50 00		1,120 00
Cumberland	Cumberland Telephone Company				43 25	43 25	1,224 00	60 00	60 00	1,344 00
DePere	Fox River Valley Telephone & Tel. Co.				220 45	220 45	2,616 00	140 00		2,756 00

TABLE III.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Income Account of Companies. (Excepting the Wisconsin Telephone Company) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES.								
		General Expense.				Operating Expense.				
		Salaries and wages.	Rent, light and heat.	Direct-ory expense.	Miscellaneous general expense.	Total.	Salaries wages.	Rent, light and heat.	Miscellaneous operating expense.	Total.
Dorchester.....	Lapp & Sturmer Telephone Company.....			\$5.00	\$21.00	\$26.00	\$210.00	\$38.00	\$10.50	\$256.50
Eagle.....	Eagle Telephone Company.....	\$1,170.00	\$80.00		828.97	2,056.97	3,055.83	478.40	1.43	3,533.66
Elva.....	Shaw Telephone Company.....	400.00			10.00	410.00	145.00	35.00		180.00
Elkhorn.....	The State Long Distance Telephone Co.....				7.20	7.20	925.00	200.00		1,225.00
Ellsworth.....	Pierce County Telephone Company.....	1,300.00		40.50	362.10	1,702.60	1,440.00	160.50	286.20	1,886.70
Florence.....	Michigan State Telephone Company.....	75.21	3.38		99.03	177.63	596.38	84.50	80.04	762.92
Fountain City.....	Fountain City Telephone Company.....	500.00		23.75	157.25	681.00	860.00	136.00		1,066.00
Franksville.....	Franksville Telephone Company.....	151.51			64.17	215.68	461.85		25.43	487.28
Frederick.....	The Tri-State Telephone and Tel. Co.....	6.00	78.00		23.03	107.03	375.50			375.50
Frelstadt.....	Frelstadt and Cedarburg Telephone Co.....	25.00		22.50	61.80	109.30	75.00			75.00
Glenwood.....	West Wisconsin Telephone Company.....	1,152.65	132.15	10.00	360.39	370.39	815.00	115.00		930.00
Gildden.....	Gildden Telephone Company.....				11.50	1,296.30	1,320.14		332.72	1,652.86
Granton.....	Granton Telephone Company.....	158.60			24.00	182.60	240.00	7.75	61.89	309.64
Grantsburg.....	The Tri-State Telephone and Tel. Co.....	6.00	115.50		70.31	191.90	721.42			721.42
Green Bay.....	Brown County Telephone Company.....	780.00			50.51	839.51				
Greenwood.....	Greenwood Telephone Company.....	245.32			292.00	537.32	260.72	121.08		382.40
Hillsboro.....	Hillsboro Telephone Company.....			18.00	12.00	30.00	840.00	150.00		990.00
Hixton.....	Central Wisconsin Telephone Company.....	1,012.78			1,012.78	3,077.87	2,387.22	120.00	1,430.18	3,937.40
Hudson.....	The Northwestern Telephone Exchange Co.....	1,110.64	94.90	38.25	1,833.89	3,077.87	4,828.97	765.24	155.46	5,749.67
Iron River.....	Iron River Water, Light & Power Co.....	300.00	108.00		123.25	531.25	880.00	156.00	50.00	1,086.00
Kilbourn.....	Farmers' Inter-County Mutual Tel. Co.....	50.00			50.00	100.00	1,190.00	161.00	77.00	1,428.00
Knapp.....	Knapp Telephone Company.....						985.00			985.00
LaFarge.....	LaFarge Telephone Company.....			25.00	75.00	100.00	1,000.00	85.00	350.00	1,435.00
Lake Mills.....	Interurban Telephone Company.....	500.00		20.00	15.00	615.00	820.00	90.00		910.00
Loyal.....	Loyal Telephone Company.....	70.00		1.25	40.20	111.45	440.00	120.00		560.00
McFarland.....	People's Telephone Co. of Dane County.....			8.00	10.00	18.00	210.00	25.00	38.12	273.12
Mapleton.....	The Badger Telephone Co. of Oconomowoc.....	32.50			08.47	100.97	705.00			705.00

Markesan.....	407 81	50 00	10 00	150 00	160 00	600 00	.....	.....	10 00	610 00
Mazomanie.....	225 00	.....	50 70	56 00	513 31	384 00	.....	.....	.....	384 00
Menomonee Falls.....	.....	.....	50 00	49 20	324 90	640 50	.....	.....	102 26	832 76
Milton.....	2,638 50	122 00	.....	086 37	3,446 87	2,400 00	.....	.....	.....	2,020 00
Milwaukee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mineral Point.....	500 00	.....	.....	115 00	615 00	1,324 95	185 00	85 82	.....	1,505 77
Monroe.....	54 10	.....	18 98	27 45	100 53	3,058 30	237 22	245 78	.....	3,390 30
Monroe.....	177 47	.....	24 27	53 78	235 52	247 65	5 40	3 52	.....	256 57
Monticello.....	156 43	.....	.....	3 36	159 79	185 75	53 60	24 46	.....	203 81
Morrisonville.....	.....	.....	.....	.....	.....	186 06	.....	.....	.....	186 06
Nettlesville.....	900 00	106 53	20 00	118 13	844 06	1,825 55	130 00	29 16	.....	1,984 71
New London.....	.....	.....	.....	.....	.....	684 31	230 00	.....	.....	894 31
Norwalk.....	90 00	.....	.....	41 29	41 29	108 05	.....	1 15	.....	170 50
Oakfield.....	621 40	.....	4 00	85 27	145 27	561 30	38 41	.....	.....	599 71
Pleokets.....	.....	.....	.....	54 37	679 77	353 75	.....	.....	.....	335 75
Poynette.....	.....	.....	.....	.....	.....	1,971 00	101 50	.....	.....	2,132 50
Prairie du Chien.....	.....	.....	.....	95 46	95 46	1,913 89	90 00	61 50	.....	2,045 36
Rio.....	.....	.....	30 00	85 36	115 36	4,080 05	233 28	153 40	.....	4,479 33
River Falls.....	.....	.....	45 00	100 45	100 45	2,258 03	103 68	146 92	.....	2,508 04
Roberts.....	.....	.....	.....	8 40	53 40	1,952 50	181 50	455 86	.....	2,589 86
Rochester.....	258 00	.....	6 75	10 00	16 75	351 48	27 35	12 00	.....	390 83
Rosendale.....	.....	.....	13 12	69 63	340 75	795 17	52 76	15 18	.....	863 11
Rosendale.....	.....	.....	20 00	36 50	36 50	100 00	30 00	13 00	.....	143 00
Sharon.....	.....	.....	10 00	230 00	250 00	800 00	65 00	50 00	.....	915 00
Sharon.....	.....	.....	.....	15 00	25 00	1,380 00	.....	.....	.....	1,380 00
Shiocton.....	600 00	.....	10 00	130 00	140 00	900 00	100 00	20 00	.....	1,020 00
Shiocton.....	500 00	.....	20 00	194 98	823 98	1,180 40	253 20	53 34	.....	1,486 94
Sun Prairie.....	240 00	50 00	20 00	95 00	615 00	784 00	48 00	.....	.....	832 00
Tomahawk.....	.....	.....	15 75	247 67	553 42	900 00	144 00	27 80	.....	1,071 80
Turtle Lake.....	.....	.....	.....	6 00	6 00	150 00	.....	.....	.....	150 00
Viroqua.....	186 66	.....	35 00	105 42	140 42	1,404 25	119 39	22 00	.....	1,637 04
Washburn.....	500 00	.....	10 16	98 34	301 16	2,030 62	120 00	227 19	.....	2,377 81
Watcoo.....	400 00	.....	20 00	95 00	615 00	640 00	90 00	.....	.....	730 00
Wausaukee.....	25 00	.....	.....	38 00	438 00	300 00	.....	.....	.....	380 00
Wausaukee.....	.....	.....	.....	38 75	63 75	528 00	5 75	30 00	.....	563 75
Westby.....	262 27	.....	18 00	167 71	447 98	1,245 00	18 00	.....	.....	1,263 00
Wittenberg.....	.....	.....	4 50	16 23	16 73	523 00	42 00	.....	.....	567 00
Wrightstown.....	.....	.....	.....	19 00	19 00	540 00	90 00	.....	.....	630 00
Total.....	\$23,120 17	\$1,249 21	\$623 46	\$11,497 27	\$96,790 11	\$91,236 33	\$8,416 20	\$6,708 84	\$106,361 37	

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES.					Total operating expenses.			
		Current repairs.				Instrument rentals.		Miscellaneous expense of operation.	Reconstruction and deferred repairs.	
		Ex-change overhead lines.	Central office equipment.	Subscribers' equipment.	Miscellaneous current repairs.					Total.
Abbotsford.	Abbotsford Electric Light and Tel. Co.									
Albany.	The United Telephone Company.	\$11 44	\$18 04	\$27 85	\$18 02	\$75 05	\$72 00		\$77 20	\$1,227 00
Alma.	The International Telephone Company.		20 14		18 70	38 84				713 00
Almond.	The Atlantic Telephone Company.									2,768 84
Almond.	The Almond Telephone Company.	229 00					212 51	\$0 85	1,050 00	2,768 07
Amery.	The Amery Electric Company.		80 21		208 78	527 00		20 02	335 45	5,373 85
Argyle.	Argyle Telephone Company.									842 04
Ashland.	North Wisconsin Toll Line Company.						41 00	02 04		2,755 12
Ashland.	Ashland Telephone Company.	75 00			354 20	354 20	45 00			383 00
Athens.	Athens Telephone Company.									3,104 94
Aurora.	J. L. Ball Telephone Company.	267 80	45 00	25 00		347 80				1,214 59
Baldwin.	Baldwin Telephone Exchange.				300 50	300 50				
Bellefonte.	Bellefonte Telephone Company.	500 00	50 00	150 00	30 00	730 00				1,894 00
Berlin.	Wausau Telephone Company.	702 19	285 92	200 00	901 22	2,209 33	83 07		1,540 84	0,927 77
Birmingham.	Birmingham Telephone Company.						43 20		550 00	468 50
Bloomer.	The United Telephone Company.	20 03	34 00	20 01	24 11	105 35	54 00		184 30	1,331 30
Bloomer.	Bloomer Telephone Company.	737 25				737 25				2,028 25
Boscobel.	Boscobel Telephone Company.				050 00	050 00	100 00		177 07	1,904 72
Bristol.	Bristol Telephone Company.	130 40				130 40			1,428 24	1,428 24
Broadhead.	Broadhead Telephone Company.	615 00	94 19	320 03	95 75	1,124 97	17 40		1,020 00	4,931 00
Brooklyn.	Brooklyn Telephone Company.							11 01		1,553 10
Bruce.	Chippewa Valley Telephone Company.				1,835 51	1,835 51	170 40	100 35	887 00	0,401 48
Burlington.	Burlington, Brighton & Wheeland Tel. Co.	105 03	20 78	80 27		208 08	144 80			1,211 24
Cambridge.	Cambridge Telephone Company.	70 50				70 50			081 10	081 10
Cedar Grove.	Cedar Grove Telephone Company.	14 00	12 00	10 00		30 00	31 97	20 16		513 80
Clinton.	Clinton Telephone Company.				550 07	550 07				2,003 41
Clandon.	Clandon Telephone Company.	670 07	045 00	204 00	42 50	1,507 57	20 00	48 42		2,757 16

CITY OR VILLAGE.	NAME OF COMPANY.	OPERATING EXPENSES Continued.						
		Current repairs.			Instru- ment rentals.	Miscel- laneous expense of oper- ation.	Recon- struc- tion and deferred repairs.	Total operating expenses.
		Ex- change over- head lines.	Central office equip- ment.	Sub- scribers' equip- ment.	Miscel- laneous current repairs.	Total.		
Abbotsford.	Abbotsford Electric Light and Tel. Co.	\$11 44	\$18 04	\$27 85	\$18 02	\$75 95	\$72 00	\$1 227 00
Albany.	The United Telephone Company.		20 14		18 70	38 84		713 00
Alma.	The Fountain City Telephone Company.							238 84
Almond.	The Almond Telephone Company.							2,708 07
Amery.	The Amery Electric Company.	229 00	90 21		208 78	537 99	212 51	3,373 85
Argyle.	Argyle Telephone Company.							842 04
Ashland.	North Wisconsin Toll Line Company.						41 00	2,753 13
Atlanta.	Atlanta Telephone Company.	75 00			334 20	354 20	45 00	303 00
Augusta.	J. L. Ball Telephone Company.	297 86	45 00	25 00		347 86		3,104 90
Baldwin.	Baldwin Telephone Exchange.				390 59	390 59		1,214 59
Bellefonte.	Bellefonte Telephone Company.	500 00	50 00	150 00	30 00	730 00		1,884 00
Berlin.	Washington Telephone Company.	702 19	295 92	210 00	191 22	2,209 33	83 97	0,927 77
Birmingham.	Birmingham Telephone Company.						43 20	498 20
Blanchardville.	The United Telephone Company.	20 03	34 00	29 01	24 11	105 35	54 00	1,331 30
Bloomer.	Bloomer Telephone Company.	737 25				737 25		2,028 25
Boscobel.	Boscobel Telephone Company.				050 00	050 00	100 00	1,904 72
Bristol.	Bristol Telephone Company.	130 40				130 40		1,428 24
Broadhead.	Broadhead Telephone Company.	615 00	94 19	320 03	95 75	1,124 97	17 40	4,831 00
Brooklyn.	Brooklyn Telephone Company.							1,553 18
Bruce.	Chippewa Valley Telephone Company.				1,835 51	1,835 51	170 40	6,401 48
Burlington.	Burlington, Brighton & Wheatland Tel. Co.	105 03	20 78	80 27		208 08		1,211 24
Cambridge.	Cambridge Telephone Company.	70 50				70 50		081 10
Cedar Grove.	Cedar Grove Telephone Company.	14 00	12 00	10 00		36 00	31 47	513 80
Clinton.	Clinton Telephone Company.				550 07	550 07		2,093 41
Crandon.	Crandon Telephone Company.	670 07	045 00	204 00	42 50	1,507 57	20 00	2,757 08

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TABLE III.—TELEPHONE COMPANIES, 1907.—Continued.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Net oper- ating revenues or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Interest.	Taxes.	Total.	
Abbotsford.....	Abbotsford Electric Light and Tel. Co.....	\$1,222 30	.....	\$1,222 30	.....	\$31 23	\$31 23	\$1,161 07
Albany.....	The United Telephone Company.....	1,206 30	.....	1,206 30	.....	49 50	49 50	1,156 80
Alma.....	The Fountain City Telephone Company.....	131 02	.....	130 02	.....	4 44	4 44	134 46
Almond.....	The Almond Telephone Company.....	316 40	.....	316 40	\$30 00	68 44	128 44	187 96
Amery.....	The Amery Electric Company.....	790 57	\$117 00	907 57	220 00	297 57	427 57	480 00
Argyle.....	Argyle Telephone Company.....	256 96	.....	256 96	.....	27 47	27 47	229 49
Ashland.....	North Wisconsin Toll Line Company.....	1,451 72	.....	1,451 72	.....	134 97	134 97	1,316 75
Athens.....	Athens Telephone Company.....	563 56	.....	563 56	22 46	23 90	46 36	547 20
Augusta.....	J. L. Ball Telephone Company.....	551 46	.....	551 46	450 00	89 79	539 79	11 67
Baldwin.....	Baldwin Telephone Exchange.....	1,635 41	.....	1,635 41	.....	.....	.....	1,635 41
Belleville.....	Belleville Telephone Company.....	426 00	.....	426 00	50 00	8 00	58 00	368 00
Berlin.....	Waushara Telephone Company.....	1,196 01	.....	1,196 01	122 28	210 64	332 92	863 09
Birmingham.....	Birmingham Telephone Company.....	681 80	.....	681 80	.....	.....	.....	681 80
Blanchardville.....	The United Telephone Company.....	614 08	.....	614 08	.....	42 90	42 90	571 18
Bloomer.....	Bloomer Telephone Company.....	3,274 42	.....	3,274 42	106 65	118 83	225 48	3,045 94
Boscobel.....	Roscoche Telephone Company.....	.....	.....	.....	49 00	.....	49 00	149 00
Bristol.....	Bristol Telephone Company.....	35 43	.....	35 43	.....	37 59	77 59	142 16
Brookhead.....	Brookhead Telephone Company.....	2,568 19	.....	2,568 19	.....	156 84	156 84	2,439 35
Brooklyn.....	Brooklyn Telephone Company.....	1,252 52	.....	1,252 52	36 00	9 02	45 02	1,204 50
Bruce.....	Chippewa Valley Telephone Company.....	1,850 21	.....	1,850 21	.....	169 89	169 89	1,680 32
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.....	1,818 97	.....	1,818 97	.....	50 52	50 52	1,768 45
Cambridge.....	Cambridge Telephone Company.....	40 79	.....	40 79	.....	15 00	15 00	25 79
Cedar Grove.....	Cedar Grove Telephone Company.....	288 85	.....	288 85	.....	21 11	21 11	277 74
Clinton.....	Clinton Telephone Company.....	3,681 80	.....	3,681 80	734 54	149 84	884 38	2,797 42
Crandon.....	Crandon Telephone Company.....	1513 63	.....	1513 63	31 35	31 86	63 21	1576 84
Cumberland.....	Cumberland Telephone Company.....	1,174 81	.....	1,174 81	115 50	62 00	177 50	997 31
De Pere.....	Fox River Valley Telephone and Tel. Co.....	1664 06	.....	1664 06	1,193 41	77 30	1,270 71	1,894 77
Dorchester.....	Lapp & Sturmer Telephone Co.....	190 66	.....	190 66	.....	11 06	11 06	1101 74
Eagle.....	Eagle Telephone Company.....	12,351 65	1,400 00	1961 65	125 00	263 01	388 01	11,339 65
Eleva.....	Shaw Telephone Company.....	290 00	.....	290 00	100 00	30 00	130 00	130 00

¹ Deficit.

TABLE III.—TELEPHONE COMPANIES, 1907—Concluded.
Detailed Income Account of Companies (Excepting the Wisconsin Telephone Co.) Operating in Municipalities of Less Than 5,000 Population.

CITY OR VILLAGE.	NAME OF COMPANY.	Net operating revenue or deficit.	Income from sources other than operation.	Gross income or deficit.	FIXED CHARGES.			Surplus or deficit.
					Interest.	Taxes.	Total.	
Elkhorn.....	The State Long Distance Telephone Co.....	\$1,709 58		\$1,709 58	\$25 00	\$108 80	\$431 80	\$1,337 72
Elkworth.....	Pierce County Telephone Company.....	1,223 47		1,223 47	123 56	103 85	240 41	983 06
Florence.....	Michigan State Telephone Company.....	213 68		213 68		56 47	56 47	157 21
Fountain City.....	Fountain City Telephone Company.....	133 62		133 62		70 57	70 57	110 19
Franksville.....	Franksville Telephone Company.....	124 77		124 77	5 00	32 85	37 85	86 92
Frederick.....	The Tri-State Telephone and Tel. Co.....	128 05		128 05				128 05
Fredstadt.....	Fredstadt and Cedarburg Telephone Co.....	185 96		185 96		9 50	9 50	186 46
Glenwood.....	West Wisconsin Telephone Company.....	588 80		588 80		31 38	31 38	557 51
Glidden.....	Glidden Telephone Company.....	527 30		527 30		93 05	93 05	433 05
Grafton.....	Grafton Telephone Company.....	404 95	\$74 26	509 21		15 72	25 72	543 49
Grantsburg.....	The Tri-State Telephone and Tel. Co.....	1,162 47		1,162 47				1,162 47
Green Bay.....	Brown County Telephone Company.....	1,349 93		1,349 93		36 26	36 26	1,313 67
Greenwood.....	Greenwood Telephone Company.....	1107 17		1107 17	17 21	25 50	42 71	1,039 88
Hillsboro.....	Hillsboro Telephone Company.....	480 32		480 32	40 00	80 32	120 32	359 99
Hixton.....	Central Wisconsin Telephone Company.....	9,069 58		9,069 58	1,111 75	314 04	1,425 79	8,213 79
Hudson.....	The Northwestern Telephone Exchange Co.....	11,374 80		11,374 80	3,180 90	780 00	3,976 50	7,404 30
Iron River.....	Iron River Water, Light & Power Company.....	341 75		341 75	245 00	51 00	296 00	45 75
Kilbuck.....	Farmers Inter-County Mutual Tel. Co.....	510 53		510 53	142 00	68 53	210 53	299 00
Knapp.....	Knapp Telephone Company.....	2,450 19		2,450 19		70 70	70 70	2,379 49
La Farge.....	La Farge Telephone Company.....	115 17		115 17				115 17
Lake Mills.....	Interurban Telephone Company.....	1,485 00		1,485 00	340 00	75 00	435 00	1,050 00
Loyal.....	Loyal Telephone Company.....	243 19		243 19	48 00	23 61	71 61	171 58
McFarland.....	Peoples Telephone Company of Dane County.....	1467 15		1467 15	15 00	30 00	45 00	1512 15
Markesan.....	The Badger Telephone Co. of Oconomowoc.....	183 89		183 89				183 89
Markesan.....	Markesan Telephone Company.....	1,408 00		1,408 00	240 00	52 50	292 50	1,115 50
Mazomanie.....	Mazomanie Telephone Company.....	474 67	83 24	557 91				557 91
Mazomanie Falls.....	Mazomanie Falls Telephone Company.....	378 21		378 21		18 70	18 70	401 15
Milton.....	Milton and Milton Junction Telephone Co.....	4,224 16		4,224 16	72 00	27 05	99 05	3,905 06
Milwaukee.....	Badger Telegraph and Telephone Company.....	2,898 15	24 00	2,922 15	1,175 00	202 58	1,407 58	1,444 57
Mineral Point.....	Mineral Point Telephone Company.....	2,448 22		2,448 22		113 74	113 74	2,334 48
	Deficit.....							

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Monroe.....	3,466 20	3,466 20	60 55	245 48	308 03	3,190 17
Monroe.....	1,156 31	1,156 31	42 90	42 90	1,113 41
Monticello.....	175 42	.....	175 42	.....	23 10	23 10	1,152 32
Morrisonville.....	409 00	.....	409 00	.....	50 41	388 59	388 59
Morrisville.....	3,311 26	18 00	3,329 26	.....	190 40	190 40	3,138 80
New London.....	11,861 36	.....	11,861 36	918 71	.....	918 71	12,780 07
Norwalk.....	1,351 31	.....	1,351 31	.....	28 02	98 02	353 29
Oakfield.....	1,115 46	.....	1,115 46	100 00	42 77	102 77	982 69
Picketts.....	304 43	.....	304 43	30 75	46 71	71 46	232 97
Poynette.....	152 50	.....	152 50	82 24	71 26	153 50	1 00
Prairie du Chien.....	154 07	.....	154 07	.....	.....	.....	154 07
Rio.....	3,489 04	.....	3,489 04	258 67	220 58	468 25	3,000 81
Ripon.....	2,416 03	.....	2,416 03	.....	140 75	180 75	1,325 44
River Falls.....	2,344 31	.....	2,344 31	.....	140 14	140 14	2,204 07
Roberts.....	544 56	.....	544 56	.....	19 64	19 64	524 75
Rochester.....	2,022 17	72 90	2,095 07	108 00	80 90	197 90	1,897 17
Rosendale.....	1184 37	.....	1184 37	.....	.....	.....	1,08 37
Seymour.....	1,823 18	.....	1,823 18	.....	8 00	8 00	1,823 19
Sharon.....	232 00	.....	232 00	108 00	24 00	192 00	40 00
Shiocton.....	6,587 47	.....	6,587 47	322 63	271 80	594 43	5,993 04
Sparta.....	1,775 00	.....	1,775 00	360 00	75 00	435 00	1,340 00
Sun Prairie.....	1,011 64	.....	1,011 64	218 78	25 08	244 44	787 20
Tomahawk.....	289 98	.....	289 98	.....	14 61	14 61	275 29
Turtle Lake.....	1609 01	.....	1609 01	.....	134 89	134 89	1744 00
Viroqua.....	1,160 52	.....	1,160 52	.....	106 49	106 49	1,054 03
Washburn.....	1,326 00	.....	1,326 00	360 00	75 00	435 00	901 00
Watloo.....	267 77	.....	267 77	.....	28 23	28 23	239 54
Waunakee.....	204 12	.....	204 12	.....	284 12	284 12	284 12
Wausaukee.....	2,258 75	.....	2,258 75	60 00	70 50	139 50	2,119 25
Westby.....	33 53	140 00	173 53	28 00	31 12	59 12	114 41
Wittenberg.....	14 88	.....	14 88	189 23	18 28	207 51	1212 30
Wrightstown.....	.....	.....	.....	.....	.....	.....	.....
Total.....	\$91,500 96	\$1,929 40	\$93,430 36	\$14,197 15	\$7,240 97	\$21,438 12	\$72,032 24

1 Deficit.

TABLE IV.—TELEPHONE COMPANIES, 1907.⁺
Condensed Income Account of Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	Number of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.		Surplus or deficit.
						Interest.	Taxes.	
Abrams.....	Faulds, Robert, Co.....	1	\$50 46	\$20 35	\$30 11			\$30 11
Algonau.....	Lake Shore Tel., Traction & Elec. Power Co.....	1	509 24	434 20	75 04			75 04
Alenton.....	Alenton-Addison Tel. Co.....	1	33 00	21 50	11 50		\$0 83	\$0 83
Alma.....	Alenton-Koltsville Tel. Co.....	1	357 40	294 98	152 42			152 42
	Tennery Telephone Co.....	1	322 17	469 00	*146 83			*146 83
Almond.....	Union Tel. Co.....	2	3,092 06	3,064 07	927 99		99 19	99 19
Amberg.....	Amberg Telephone Co.....	1	2,440 00	276 00	94 00	\$48 00	62 50	82 50
Amherst.....	Amherst Telephone Co.....	2	2,237 05	1,563 01	974 04	33 84	41 42	56 78
Aradla.....	Newcomb Valley Tel. Co.....	1	356 67	306 81	*10 14			*10 14
	Tamarack Tel. Co.....	1	375 86	751 75	*375 92	7 50	16 68	*362 60
Aradla.....	Western Wisconsin Tel. Co.....	9	20,749 39	8,274 08	12,475 31	490 35	517 53	11,467 40
Arena.....	Arena and Ridgeway Tel. Co.....	1	100 00	80 00	20 00		57	19 23
Arkansas.....	Arkansas Telephone Co.....	1	420 00	300 00	120 00	51 01	82 88	37 12
Attica.....	Attica Mutual Tel. Co.....	1	413 00	236 58	*176 42	32 31	10 02	157 09
Avoca.....	Avoca and Muscoda Farmers Tel. Co.....	1	120 33	43 32	77 01			77 01
Baldwin.....	Rush River & Eau Claire Tel. Co.....	1	217 00	253 00	*36 00			*36 00
Bangor.....	Bangor Telephone Co.....	1	4,529 77	3,529 00	1,343 77	120 00	208 00	1,135 77
Baraboo.....	Baraboo Farmers Tel. Co.....	1	136 00	55 00	85 00			85 00
Bellevue.....	Bellevue Farmers Tel. Co.....	1	2,368 85	1,493 80	900 25		18 44	881 81
Big Flats.....	Big Flats-Colburn Farm Tel. Co.....	1	6 54	4 80	*4 42			*4 42
Black Earth.....	Black Earth Tel. Co.....	1	1,290 00	1,290 00				
Blair.....	Blair Telephone Co.....	1	553 10	537 00	16 10			16 10
Bloomington.....	Bloomington Farmers Tel. Co.....	1	163 84	84 05	75 89			75 89
Bond.....	Bond and Aka Tel. Co.....	1	497 45	716 00	*198 55			*198 55
Boyd.....	Boyd Tel. Co.....	1	191 48	240 80	*49 42	7 12	1 59	*56 13
Briggsville.....	Briggsville & Big Springs Tel. Co.....	1					8 71	
Brownstown.....	Brownstown Telephone Co.....	1	390 50	685 00	*324 50			*324 50
Burlhardt.....	Burlhardt Telephone Co.....	1	437 80	239 00	198 80	18 00	9 03	170 87
Cadott.....	Cadott Telephone Co.....	1	1,527 20	927 00	400 20	66 59		534 81
Cambridge.....	Cambridge Co-operative Tel. Co.....	1	147 00	125 00	25 00			25 00
Campbellsport.....	East Valley Tel. Co.....	1	1750 00	600 00	150 00			150 00

⁺ This table includes companies whose income accounts were not sufficiently detailed to be included in preceding tables.

* Deficit.

¹ Refund deducted, \$20.00.

² Includes income from sources other than operating, \$17.90.

³ Includes income from sources other than operating, \$2.84.

TABLE IV.—TELEPHONE COMPANIES, 1907—Continued.
Condensed Income Account of Telephone Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	Number of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Forestville.....	Alcona Farmers Tel. Co.	1	\$156 30	\$114 00	\$42 30	\$280 00	\$159 09	\$419 09	\$42 30
Fort Atkinson.....	Jefferson County Tel. Co.	1	17,794 48	4,713 95	3,080 53				2,661 44
Fremont.....	Fremont Telephone Co.	1	145 85	158 31	*12 46				*12 46
Friendship.....	Kilbourn & Friendship Tel. Co.	1	574 65	538 00	36 65	25 00	8 60	33 60	3 05
Gilmanton.....	Gilmanton & Dover Farmers Tel. Co.	1	1,256 00	1,253 96					04
Glenbeulah.....	Hulls Crossing Farmers Tel. Co.	1	36 00	10 44	25 56		0 55	0 55	25 01
Goodrich.....	Goodrich Telephone Co.	1	292 75	57 25	235 50				235 50
Grand Rapids.....	Cranmoor Telephone Co.	1	269 50	119 41	150 09	91 00	6 63	97 63	52 46
Gratiot.....	LaFayette Telephone Co.	2	778 10	668 14	111 96	19 45		19 45	92 51
Harrisville.....	Westfield Farmers Tel. Co.	1	75 00	20 65	54 35		25		54 10
Hilbert.....	Stockbridge & Sherwood Tel. Co.	1	45 45	45 45					
Hixton.....	Farmers Hixton & Northfield Tel. Co.	1	40 10	40 10					
Hixton.....	Farmers Telephone Line 8	1	12 50		12 50		30	30	12 20
Hollandale.....	Perry Hollandale Tel. Co.	1	115 66		12 35				12 35
Hubertus.....	Richfield, Hubertus & Holy Hill Tel. Co.	1	1,079 57	463 50	616 07		26 86	26 86	589 21
Huron.....	Yellow River Tel. Co.	1	78 20	42 85	35 35				35 35
Jackson.....	Jackson Telephone Co.	1	1,563 15	1,113 22	2,460 73				460 73
Jefferson.....	Jefferson Mutual Tel. Co.	1	665 03	227 50	437 44				437 44
Juda.....	Jefferson Telephone Co.	1	1,492 00	927 00	565 00	18 00	37 00	55 00	510 00
Kewaskum.....	Theresa Union Tel. Co.	1	293 49	117 55	175 94				175 94
Kilbourn.....	Farmers Union Tel. Co., No. 1	1	12 50	10 50	2 00				2 00
Kilbourn.....	Portage & Kilbourn Tel. Co.	1	75 00	6 88	68 12	50 00	1 89	51 89	16 23
La Crosse.....	Interstate Telephone Co.	1	126 30	15 00	*4,061 30		3 77	3 77	4,057 53
La Crosse.....	LaCrosse Interurban Tel. Co.	4	10,393 44	6,284 42	4,129 02	1,744 46		1,744 46	2,384 56
Lea.....	The Farmers & Merchants Tel. Co.	1	947 30	661 30	286 00	100 00		100 00	186 00
Lime Ridge.....	Peoples Telephone Co.	5	2,154 18	2,087 37	66 81	27 00	81 16	108 16	*41 35
Lindsey.....	Lindsey Telephone Co.	1	379 23	330 79	38 44				38 44
Livinston.....	Grant County Tel. Co.	1	240 00	231 00	9 00				9 00
Lodi.....	Lodi Telephone Co.	1	3,424 20	628 00	2,796 20	48 00	85 60	133 60	2,662 60
Logansville.....	Loretto & Logansville Tel. Co.	1	11 00	2 00	9 00		41	41	8 59

*Deficit. ¹Refunds deducted, \$178.21. ²Includes income from sources other than operation, \$10.80.

³Includes income from sources other than operation, \$3,950.

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Lomira.....	1	364 86	95 00	289 08	289 08
Lone Rock Tel. Co.....	2	1,131 00	945 00	187 00	187 00
Beaver Telephone Co.....	1	131 51	221 05	*180 52	*180 52
The York Center Tel. Co.....	1	1,478 00	197 84	310 41	310 41
Ludington Telephone Co.....	2	1,188 04	2,440 54	23 10	23 10
				*1,245 15	*1,245 15
Luxemburg					
Dane County Rural Tel. Co.....	1	689 11	400 55	288 26	288 26
Manawa Telephone Co.....	1	1,873 55	115 35	1,758 05	1,758 05
Manitowish Tel. Co.....	1	201 45	116 04	*85 41	*85 41
English Lake Tel. Co.....	1	16 24	32 18	*15 14	*15 14
Manitowish & Northern Tel. Co.....		1,960 00	148 00	212 00	212 00
Manitowoc					
Manitowoc & Western Tel. Co.....	2	2,661 75	6,363 00	*3,731 25	*3,731 25
Newton Manitowoc Tel. Co.....		73 50	522 55	*249 05	*249 05
The Silver Creek Tel. Co.....	1	35 00	16 75	18 25	18 25
Manitowoc		1,706 30	360 00	1,346 30	1,346 30
Marion	3	*2,849 08	2,138 04	730 99	730 99
Manitowoc Electric Company.....				132 00	132 00
Mauston					
Mauston Electric Service Co.....	1	4,441 16	2,684 57	96 75	96 75
Medford	1	2,760 55	()	212 88	212 88
Merton Telephone Co.....	2	246 71	246 71		
Middleton	1	893 28	1,065 35	*172 08	*172 08
Larabee Telephone Co.....		104 55	71 35	372 20	372 20
Modena					
Modena Co-operative Tel. Co.....		7 30	168 87	*161 57	*161 57
Mondovi	1	5,150 88	1,677 83	3,472 86	3,472 86
Montello	1	891 22	161 12	730 10	730 10
Montfort			1,110 00	*1,110 00	*1,110 00
Mosinee Telephone Co.....	1	51 30	66 10	*14 80	*14 80
Mt. Horeb					
Mt. Horeb Ind. Tel. Co.....	1	4,680 00	2,613 00	2,077 00	2,077 00
Perry Mutual Tel. Co.....		398 25	550 75	*164 50	*164 50
Muscoda		325 00	200 00	125 00	125 00
Muscoda Mutual Tel. Co.....	1	894 35	819 92	*243 65	*243 65
Wood County Tel. Co.....			819 92	74 43	74 43
Nelsonville					
Nelsonville Telephone Co.....	1	483 57	298 25	205 32	205 32
Neosho.....	2	1,331 93	473 70	858 23	858 23
Newburg Telephone Co.....	1	1,596 36	353 00	1,228 36	1,228 36
New London			50 00	*49 20	*49 20
Adams County Metallic Tel. Co.....		100 00	100 00		
Northfield					
Northfield Farmers Tel. Co.....		252 50	252 50	*232 50	*232 50
Oostburg	1	496 20	75 00	421 20	421 20
Orange		56 00	25 00	31 00	31 00
Oregon Telephone Co.....	1	2,708 00	1,511 00	1,255 00	1,255 00
Orfordville Telephone Co.....	1	4,802 51	3,504 21	1,298 30	1,298 30
				120 05	120 05
				12 35	12 35
				39 60	39 60
				18 97	18 97
				4 25	4 25
				118 51	118 51
				3 25	3 25
				100 00	100 00
				12 35	12 35
				39 60	39 60
				18 97	18 97
				4 25	4 25
				118 51	118 51
				3 25	3 25
				100 00	100 00
				12 35	12 35
				39 60	39 60
				18 97	18 97
				4 25	4 25
				118 51	118 51
				3 25	3 25
				100 00	100 00
				12 35	12 35
				39 60	39 60
				18 97	18 97
				4 25	4 25
				118 51	118 51</

No record kept of expenses.

²² Refunds deducted. \$2.35.

*Deficit.	Refunds deducted.	\$3.00.
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*Debt:

TABLE IV.—TELEPHONE COMPANIES, 1907.—Continued.
Condensed Income Account of Telephone Companies not Included in Tables II and III.

LOCATION.	NAME OF COMPANY.	No. of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenue or deficit.	FIXED CHARGES.			Surplus or deficit.
						Interest.	Taxes.	Total.	
Oscoda.....	Oscoda Farmers Mut. Tel. Co.....	1	\$4,290 14	\$2,430 89	\$1,859 25	\$43 77	\$107 25	\$151 02	\$1,708 23
Oshkosh.....	Winnebago County Tel. Co.....	1	497 38	344 44	152 94	.....	.....	.....	152 94
Osseo.....	Beef River Valley Tel. Co.....	1	36 00	42 85	*6 85	5 30	.....	5 30	*12 35
Osseo.....	Osseo Telephone Co.....	2	4,026 41	2,576 00	1,450 41	92 50	88 34	180 84	1,269 48
Owen.....	Owen Telephone Co.....	1	15 35	178 85	*83 40	.....	.....	.....	*83 40
Oxford.....	Marquette & Adams County Tel. Co.....	1	1,335 00	1,334 35	65	.....	.....	.....	65
Pardeeville.....	Pardeeville Telephone Co.....	1	1,952 50	2,320 80	*368 30	.....	.....	.....	*368 30
Peplin.....	Peplin Telephone Co.....	3	2,782 74	*630 00	2,152 74	70 00	87 16	157 16	2,015 58
Pewaukee.....	Pewaukee Sussex Tel. Co.....	1	1,251 87	*720 00	531 87	.....	.....	.....	531 87
Phillips.....	Price County Tel. Co.....	1	12,686 15	2,756 00	*99 85	.....	.....	.....	*99 85
Pittsville.....	Telephone Toll Line Co.....	1	591 05	451 25	139 80	.....	.....	.....	139 80
Plainville.....	Kilbourn & Friendship Tel. Co.....	1	220 50	208 20	14 30	9 65	4 65	14 30	.....
Platteville.....	Grant Co. Telegraph & Tel. System.....	1	2,016 65	1,014 80	1,001 75	.....	50 42	50 42	951 33
Plover.....	Buena Vista Tel. Co.....	1	37 00	12 00	25 00	.....	.....	.....	25 00
Plymouth.....	Plymouth Telephone Co.....	1	3,703 05	2,306 36	1,394 47	108 15	94 07	202 22	1,162 25
Plymouth.....	Rathbun Telephone Lines.....	1	1,100 00	855 26	244 74	.....	.....	.....	244 74
Port Washington.....	Port Washington Tel. Co.....	1	252 00	164 50	87 41	.....	.....	.....	87 41
Port Wing.....	Port Wing Tel. Co.....	1	800 78	730 00	130 78	.....	.....	.....	130 78
Poyndette.....	Leeds Farmers Tel. Co.....	1	1,815 00	1,473 50	341 50	18 00	57 55	45 55	285 95
Prairie du Sac.....	Farmers Co-operative Tel. Co.....	1	350 50	308 10	*47 80	32	.....	52	*36 12
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	3	10,500 00	2,920 00	7,580 00	486 00	243 00	729 00	6,851 00
Reedsburg.....	Reedsburg Telephone Co.....	1	6,668 58	1,761 01	4,848 57	304 78	.....	304 78	4,543 79
Reedsburg.....	Rudd & Root Tel. Co.....	1	506 50	111 48	487 02	.....	.....	.....	487 02
Rib Lake.....	Rib Lake Tel. Co.....	1	1,060 00	1,210 00	*130 00	.....	.....	.....	*130 00
Rice Lake.....	Barron County Tel. Co.....	7	3,211 64	4,438 31	*1,226 67	.....	.....	.....	*1,226 67
Rice Lake.....	Rice Lake & Northeastern Tel. Co.....	1	351 30	127 63	223 67	.....	.....	.....	223 67
Rhinelander.....	Onelda & Vilas County Tel. Co.....	1	841 25	377 00	464 25	52 98	16 10	69 08	395 19
Richland Center.....	Farmers Tel. Exchange Co.....	1	6,077 39	3,078 70	2,998 69	540 00	151 45	691 45	2,307 1

*Deficit.

¹Refunds deducted, \$34.80.

²Includes nothing for maintenance.

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Riley.....	Pine Bluff Tel. Co.....	1,191 24	387 55	903 69	803 69
Ripon.....	Ripon Tel. Co.....	423 82	90 00	333 82	333 82
St. Croix Falls.....	St. Croix Valley Tel. Exchange Co.....	6,137 18	4,881 40	1,255 78	157 10	157 10	1,098 59
Scandinavia.....	Scandinavia Telephone Co.....	2,377 06	2,010 95	366 11	46 88	116 11	250 00
Schlesinger.....	Cedar Lake Tel. Co.....	646 11	540 75	105 36	68 15	.....	105 36
Schlesinger.....	Washington County Tel. Co.....	63 52	6 40	56 92	2 25	2 25	54 67
Shawano.....	Town Line Farmers Ind. Tel. Co.....	184 75	157 80	26 95	.....	.....	26 95
Shell Lake.....	Shell Lake Exchange.....	400 00	300 00	100 00	.....	.....	100 00
Sherwood.....	Stockbridge & Sherwood Tel. Co.....	62 00	62 00	.....	.....	.....	.....
Shullsburg.....	Glennville Telephone Co.....	120 00	116 00	4 00	.....	.....	4 00
Sobleski.....	Ontario Telephone Co.....	82 29	32 00	50 29	.....	.....	50 29
Soldiers Grove.....	Elmwood Farmers Tel. Co.....	13 00	13 00	.....	.....	.....	.....
Spencer.....	Washington Co. Farmers Tel. Co.....	122 00	81 62	40 38	.....	.....	40 38
Spring Green.....	West Spring Green Tel. Co.....	58 85	78 00	*19 05	.....	.....	*19 05
Spring Green.....	Big Hollow Tel. Co.....	420 00	150 68	269 34	30 00	30 00	230 34
Stetsonville.....	Breckie Telephone Co.....	575 27	488 10	89 17	.....	.....	89 17
Stoughton.....	Stockbridge & Sherwood Tel. Co.....	110 44	110 44	.....	.....	.....	.....
Stoughton.....	Kegonsa Ind. Tel. Co.....	17 85	653 27	*815 32	.....	.....	*815 32
Stratford.....	Stratford Telephone Co.....	644 00	414 85	229 15	15 25	15 25	213 90
Strum.....	Strum Telephone Co.....	235 40	218 03	17 37	.....	.....	17 37
Sturgeon Bay.....	Door County Tel. Co.....	382 70	418 30	*25 00	6 00	6 00	*31 60
Sullivan.....	Sullivan Telephone Co.....	1,290 33	730 01	579 32	50 00	50 00	529 32
Swiss.....	St. Croix Farmers Mut. Tel. Co.....	150 77	186 75	*35 98	.....	.....	*35 98
Taylor.....	Springfield Farmers Tel. Co.....	251 85	270 00	5 85	.....	.....	5 85
Theresa.....	Theresa Union Tel. Co.....	242 00	911 00	*689 00	.....	.....	*689 00
Thiensville.....	Mequon Telephone Co.....	1,029 76	416 43	613 33	27 14	27 14	586 19
Thorp.....	Thorp Telephone Co.....	1,068 00	801 32	266 68	26 68	26 68	240 00
Tigerton.....	Marion & Northern Tel. Co.....	673 85	252 00	421 85	.....	.....	421 85
Tilleda.....	Farmers Ind. Tel. Ass'n.....	135 55	132 00	3 55	3 40	3 40	15 15
Tomah.....	Tomah El. & Tel. Co.....	6,400 86	4,621 02	1,779 84	30 00	190 00	1,569 84
Union Grove.....	Union Grove Tel. Co.....	2,280 23	1,403 93	876 30	57 01	57 01	819 29
Walworth.....	Walworth Tel. Exchange Co.....	2,521 94	1,497 04	1,024 90	.....	.....	1,024 04
Warrens.....	Warren Land Co.....	1,764 25	1,070 40	683 85	.....	.....	683 85
Watertown.....	Wind Lake Telephone Co.....	564 88	382 00	182 88	.....	.....	182 88
Watertown.....	Watertown Telephone Co.....	689 30	148 71	540 59	.....	.....	540 59
Waupaca.....	Citizens Telephone Exchange.....	24,347 98	4,029 12	318 84	.....	.....	318 84
Waupaca.....	Rural Telephone Co.....	95 55	4 95 55	.....	.....	.....	.....

*Deficit.

*Refunds deducted, \$53 43.

*Refunds deducted, \$40 95.

TABLE IV.—TELEPHONE COMPANIES, 1907.—Concluded.
(Condensed Income Account of Telephone Companies not Included in Tables II and III.)

LOCATION.	NAME OF COMPANY.	No. of exchange systems included in report.	Operating revenues.	Operating expenses.	Net operating revenues or deficit.	FIXED CHARGES.		Surplus or deficit.
						Interest.	Taxes. Total.	
Wausau.....	Marathon County Tel. Co.....	1	\$3,498 85	\$2,972 17	\$526 68	.....	\$76 54	\$450 14
Westfield.....	Westfield Farmers Tel. Co.....	1	2,298 40	1,300 03	998 37	.....	26 60	971 77
White Creek.....	Wood, Dr. F. C.....	2	1,182 00	739 00	423 00	.....	.....	423 00
Whitehall.....	Kilbourn & Friendship Tel. Co.....	1	289 05	231 00	58 05	.....	2 35	20 70
	Lincoln Farmers Tel. Co.....	1	431 72	655 91	16 28	.....	.....	6 26
Whitehall.....	Pleasant Valley Tel. Co.....	1	175 00	271 00	*96 00	.....	.....	*96 00
Wilmet.....	Farmers New Era Tel. Co.....	1	986 17	520 00	466 17	.....	.....	446 17
Wilton.....	Ontario & Wilton Tel. Co.....	2	2,340 25	1,315 25	1,025 00	.....	57 31	835 69
Wonevot.....	Wonevot Telephone Co.....	1	12 56	9 49	3 07	.....	.....	3 07
Woodhull.....	Woodhull Telephone Co.....	1	143 75	65 50	78 25	.....	3 59	74 66
Total.....			\$292,578 84	\$183,901 38	*\$102,984 27	\$7,555 93	\$4,343 86	\$91,084 48

*Deficit.

†Includes income from sources other than operating, \$230.45.

‡Total income from sources other than operation, \$4,266 81.

§This report embraces eight months.

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TABLE V.—TELEPHONE COMPANIES, 1907.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSETS.					Total.
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.	
Allenton.....	Allenton-Kohlsville Tel. Co.....	\$5,160 00	.....	\$40 00	.....	.....	\$5,200 00
Alma.....	Tenney Telephone Co.....	7,850 00	.....	.....	.....	.....	7,850 00
Almond.....	Almond Telephone Co.....	7,175 00	.....	1,300 00	.....	\$353 97	8,828 97
Amery.....	Amery Electric Co.....	12,261 15	.....	885 00	.....	18 60	13,164 15
Antigo.....	Antigo Telephone Co.....	39,350 00	.....	983 53	.....	460 68	40,794 22
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	618,685 26	\$139,400 00	2,490 55	.....	1,729 16	762,304 97
Arcadia.....	Western Wisconsin Tel. Co.....	16,481 48	.....	9,059 37	.....	80 64	102,631 49
Argyle.....	Argyle Telephone Co.....	2,475 00	.....	350 00	\$105 00	166 86	3,096 86
Arkansas.....	Arkansas Telephone Co.....	4,500 00	.....	253 00	.....	.....	4,753 00
Ashland.....	Ashland Home Tel. Co.....	229,990 00	.....	1,119 62	4,200 00	255 52	236,565 34
Ashland.....	North Wisc. Toll Line Co.....	40,015 00	.....	983 63	.....	116 75	41,115 38
Athens.....	Athens Telephone Co.....	7,471 36	.....	100 00	.....	56 08	7,630 47
Attica.....	Attica Mutual Tel. Co.....	1,372 51	.....	51 71	.....	312 81	1,737 03
Augusta.....	J. L. Ball Telephone Co.....	15,245 00	.....	.....	.....	.....	15,245 00
Baldwin.....	Baldwin Telephone Co.....	14,850 00	.....	150 00	900 00	.....	15,900 00
Bangor.....	Bangor Telephone Co.....	23,211 53	.....	.....	85 77	64 48	23,361 78
Baraboo.....	Baraboo Telephone Co.....	40,447 40	4,000 00	1,816 16	.....	2,787 50	49,050 76
Belleville.....	Belleville Telephone Co.....	8,350 00	600 00	.....	.....	40 00	8,990 00
Beloit.....	Beloit Farm Tel. Co.....	9,000 00	.....	.....	791 00	.....	9,791 00
Beloit.....	Beloit Home Tel. Co.....	101,440 49	.....	1,450 87	.....	4,084 27	106,975 63
Berlin.....	Waushara Telephone Co.....	13,736 77	.....	279 65	.....	643 93	14,649 35
Blair.....	Preston Farmers' Tel. Co.....	7,162 85	.....	.....	.....	310 78	7,473 63
Bloomer.....	Bloomer Telephone Co.....	18,965 21	.....	498 00	.....	462 11	19,925 32
Boscobel.....	Boscobel Telephone Co.....	4,013 00	.....	53 50	.....	.....	4,066 50
Bristol.....	Bristol Telephone Co.....	4,550 00	.....	1,567 42	.....	748 08	6,865 50
Brodhead.....	Brodhead Telephone Co.....	24,542 40	.....	120 00	.....	164 86	24,827 26
Brooklyn.....	Brooklyn Telephone Co.....	10,490 64	.....	490 26	140 65	.....	11,101 15
Bruce.....	Chippewa Valley Tel. Co.....	19,045 14	.....	2,146 44	.....	849 27	22,040 85

*Stocks and bonds in treasury.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSET ¹ .					Total.
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.	
Burkhardt.....	Hudson Prairie Tel. Co.....	\$1,550 00	.....	\$218 87	.....	\$5 80	\$1,774 76
Burlington.....	Burl. Brighton & Wheatland Tel. Co.....	11,885 70	.....	.....	.....	18 79	11,904 49
Burlington.....	Burl. Rochester & Kansasville Tel. Co.....	9,457 74	.....	.....	.....	10 00	11,468 47
Cadott.....	Cadott Telephone Co.....	3,025 00	\$1,991 73	.....	.....	534 61	3,559 61
Cambridge.....	Cambridge Telephone Co.....	3,530 00	.....	458 00	.....	.....	3,988 00
Cedar Grove.....	Cedar Grove Tel. Co.....	5,473 16	.....	400 50	\$63 61	42 17	5,979 44
Chippewa Falls.....	Chippewa County Tel. Co.....	32,165 18	.....	2,353 49	.....	716 47	35,235 14
Clintonville.....	Clinton Telephone Co.....	24,172 14	.....	1,076 00	.....	883 63	26,133 77
Cobb.....	Matteson Telephone Co.....	4,225 00	.....	.....	.....	70 00	4,295 00
Coloma Station.....	Iowa County Tel. Co.....	5,500 00	.....	700 00	.....	367 29	6,567 29
Coloma.....	Coloma Telephone Co.....	3,900 00	.....	200 00	.....	4 78	4,104 78
Crandon.....	Crandon Telephone Co.....	5,900 00	.....	301 17	.....	124 00	6,415 77
Deerfield.....	Deerfield Telephone Co.....	9,144 00	.....	300 00	.....	40 00	9,484 00
Dodgeville.....	New Union Tel. Co.....	42,685 00	.....	100 00	.....	199 39	42,984 39
Dorchester.....	Lapp & Sturmer Tel. Co.....	1,822 28	\$15 00	400 00	.....	72 72	2,310 00
Eagle.....	Eagle Telephone Co.....	30,582 92	.....	2,446 11	.....	1,226 50	43,280 53
Edgerton.....	Edgerton Telephone Co.....	18,983 64	25 00	245 71	.....	1,501 44	20,820 79
Elkhorn.....	State Long Distance Tel. Co.....	24,900 00	.....	1,470 87	.....	146 19	26,517 06
Elmwood.....	Highland Telephone Co.....	2,000 00	.....	1,110 93	.....	30 01	2,749 94
Eurick.....	Eurick Telephone Co.....	7,730 00	.....	1,162 44	.....	4 12	8,896 56
Florence.....	(1)	.....	.....	.....	.....	.....	.....
Fort Atkinson.....	Jefferson County Telephone Co.....	37,060 52	.....	30 00	.....	297 82	37,388 14
Fountain City.....	Fountain City Tel. Co.....	11,775 00	.....	150 00	.....	150 00	12,075 00
Friesland.....	Friesland & Cedarburg Tel. Co.....	4,416 22	.....	.....	.....	700 00	5,116 22
Fremont.....	Fremont Telephone Co.....	152 28	.....	45 38	.....	32 10	229 76
Glendon.....	West Wisconsin Tel. Co.....	9,221 72	.....	798 13	.....	.....	10,019 85
Glidden.....	Glidden Telephone Co.....	18,100 00	.....	125 00	.....	256 45	18,481 45
Goodrich.....	Goodrich Telephone Co.....	1,861 15	.....	342 00	.....	8 00	2,211 15

¹ Cost of plant and equipment in Wisconsin, \$7,411.86.² Contracts and licences.

Grafton	Grafton Telephone Co.	5,514.80		587.05		376.01	6,447.66
Greenwood	Greenwood Telephone Co.	3,783.15		44.78			3,857.93
Grand Rapids	Grand Rapids Telephone Co.	2,107.94		44.00			2,151.94
Grand Rapids	Wood County Tel. Co.	21,253.17		543.54		344.64	22,141.35
Grand Rapids	Brown County Tel. Co.	19,738.56				201.45	20,000.00
Hillsboro	Hillsboro Telephone Co.	10,500.00					10,500.00
Hilton	Central Wisconsin Tel. Co.	84,742.90		8,739.73		2,245.85	95,728.48
Hollandale	Perry Hollandale Tel. Co.	2,305.00		54.86			2,449.86
Hubertus	Richfield Hubertus & Holy Hill Tel. Co.	4,300.26				07	4,300.33
Jackson	Jackson Telephone Co.	4,211.23		266.19		114.14	5,701.56
Janesville	Rock County Tel. Co.	88,748.98					91,599.21
Kenosha	Kenosha Home Tel. Co.	195,774.07		1,545.36		2,852.35	218,529.23
Kiel	Eastern Wisconsin Tel. Co.	27,000.00		2,000.00		6,417.97	35,417.97
Kilbourn	Farmer's Inter-County Mutual Tel. Co.	9,925.00				1,000.00	11,000.00
Knapp	Knapp Telephone Co.	10,575.00		1,100.00		350.00	12,025.00
La Crosse	La Crosse Interurban Tel. Co.	64,282.97		551.51	240.00	556.85	65,791.33
La Crosse	La Crosse Telephone Co.	130,535.91		43.90		4,577.86	144,207.67
Lake Mills	Lake Mills Telephone Co.	9,400.00		900.00			10,300.00
Lake Mills	Interurban Telephone Co.	204,009.45		355.00		73.20	204,837.74
Lime Ridge	Peoples Telephone Co.	10,225.00		800.00			11,025.00
Lindsay	Lindsay Telephone Co.	1,035.00		22.45			1,057.45
Lodi	Lodi Telephone Co.	10,975.00					10,975.00
Luxemburg	Luxemburg Telephone Co.	1,625.00				669.11	2,294.11
Madison	Dane County Rural Tel. Co.	7,112.44		300.00		1.07	7,413.51
Madison	Dane County Tel. Co.	201,900.20				662.89	202,563.09
Markesan	Markesan Tel. Co.	7,875.00		350.00			8,225.00
Mauston	Mauston Electric Service Co.	15,000.00		1,842.15		1,962.14	41,241.29
Mauston	Juneau Electric Co.	3,000.00					9,000.00
Mazomanie	Mazomanie Tel. Co.	5,400.20		431.85		640.21	6,472.26
McFarland	People's Tel. Co. of Dane Co.	4,092.28		226.35			4,318.63
Menomonee Falls	Menomonee Falls Tel. Co.	8,224.31		1,164.04	300.00	307.88	9,996.23
Merrill	Merrill Tel. Co.	25,400.00		725.00		2,168.81	28,293.81
Milton	Milton & Milton Junction Tel. Co.	23,392.00		750.00		1,024.16	25,166.16
Milwaukee	Radnor Telegraph and Tel. Co.	110,030.12		3,895.16		1,791.33	115,708.61
Milwaukee	Wisconsin Tel. Co.	8,235,898.40		433,941.59	2,604.42	97,473.52	9,544,275.89
Mineral Point	Mineral Point Tel. Co.	10,000.00		500.00		237.97	10,737.97
Mondovi	Mondovi Tel. Co.	22,000.00		200.00			22,200.00
Monroe	Monroe Tel. Co.	35,014.21		2,757.61		535.30	38,507.12
Monroe	The United Tel. Co.	22,528.79		4,715.89		687.20	27,931.88

¹ Treasury stock. ² Bond expense undistributed. ³ For detailed statement showing distribution of plant cost see page 1153.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	ASSETS.				
		Cost of plant and equipment.	Investments.	Current assets.	Sinking and other funds.	Cash assets.
						Total.
Morrisonville.....	Columbia County Tel. Co.....	\$2,009 00	.....	\$1,500 95	\$29 65	\$70 40
Mosinee.....	Mosinee Tel. Co.....	1,300 00	.....	110 00	.....	1,500 00
Mt. Horeb.....	Perry Mutual Tel. Co.....	5,730 32	.....	56 59	.....	5,873 53
Mt. Horeb.....	Mt. Horeb Independent Tel. Co.....	18,200 00	.....	1,258 00	.....	19,458 00
Nellisville.....	Badger State Tel. & Telegraph Co.....	33,363 00	.....	1,648 41	.....	35,782 97
Nelsonville.....	Nelsonville Tel. Co.....	1,650 00	.....	39 40	.....	1,894 72
Neosha.....	Eureka Tel. Co.....	12,700 00	.....	381 92	.....	13,710 89
Oakfield.....	Oakfield Tel. Co.....	10,000 00	.....	392 66	200 00	10,394 66
Oscola.....	Oscola Farmers' Mutual Tel. Co.....	12,814 85	.....	708 64	.....	13,613 42
Osseo.....	Osseo Tel. Co.....	16,735 00	.....	1,225 00	.....	18,292 86
Owen.....	Owen Tel. Co.....	1,755 64	.....	848 61	.....	2,793 16
Pardeeville.....	Pardeeville Tel. Co.....	2,175 00	.....	100 00	.....	2,275 00
Pepin.....	Pepin Tel. Co.....	7,540 00	.....	150 00	.....	7,690 00
Pewaukee.....	Pewaukee-Sussex Tel. Co.....	4,400 00	.....	.....	.....	4,400 00
Phillips.....	Price County Tel. Co.....	10,000 00	.....	.....	.....	10,000 00
Picketts.....	Utica Tel. Co.....	5,890 50	.....	248 92	.....	6,149 55
Plymouth.....	Plymouth Tel. Co.....	9,052 07	.....	.....	.....	9,052 07
Plymouth.....	Rathburn Tel. Lines.....	4,400 00	.....	650 00	.....	5,050 00
Portage.....	Portage Tel. Co.....	51,927 75	.....	2,100 00	.....	56,215 75
Port Washington.....	Port Washington Tel. Co.....	3,163 75	.....	75 00	.....	3,238 75
Poynette.....	Poynette Tel. Co.....	10,000 00	.....	.....	.....	10,000 00
Poynette.....	Leeds Farmers Tel. Co.....	8,208 20	.....	160 00	.....	8,400 00
Prairie du Sac.....	Troy & Honey Creek Tel. Co.....	31,000 00	.....	4,000 00	.....	35,000 00
Racine.....	Citizens Tel. Co.....	231,970 11	\$21,021 71	2,544 35	.....	258,145 52
Reedsburg.....	Reedsburg Tel. Co.....	41,350 00	.....	1,222 80	.....	42,944 21
Rhinelander.....	Rhinelander Mutual Tel. Co.....	17,551 64	.....	648 92	.....	18,931 97
Rhinelander.....	Onelda & Vilas County Tel. Co.....	5,323 37	.....	81 06	.....	5,408 46
Rib Lake.....	Rib Lake Tel. Co.....	4,830 00	.....	173 50	.....	5,246 50
Rice Lake.....	Rice Lake & N. E. Tel. Co.....	5,940 80	.....	.....	.....	6,271 22
Rice Lake.....	Barron County Tel. Co.....	38,515 28	.....	.....	.....	41,190 23
						2,683 95

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.					
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.
Alenton.....	Alenton-Kohlsville Tel. Co.....	\$5,000 00	.....	\$47 58	.....	.....	\$152 42
Alma.....	Tenney Telephone Co.....	7,850 00	.....	.....	.....	.....	.....
Almond.....	Almond Telephone Co.....	6,175 00	.....	1,435 00	.....	.....	1,188 97
Amery.....	Amery Electric Co.....	4,500 00	.....	8,904 15	\$80 00	.....	13,104 15
Antico.....	Antico Telephone Co.....	25,000 00	.....	1,041 94	15 00	.....	14,737 28
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	350,000 00	\$352,500 00	46,524 75	3,511 25	.....	9,708 97
Arcadia.....	Western Wisconsin Tel. Co.....	67,350 00	.....	14,222 54	517 50	\$11,717 48	9,823 91
Argyle.....	Argyle Telephone Co.....	3,000 00	.....	93 96	.....	.....	3,096 96
Arkansas.....	Arkansas Telephone Co.....	3,000 00	.....	1,000 00	.....	.....	4,753 00
Ashland.....	Ashland Home Tel. Co.....	110,000 00	113,200 00	4,359 20	.....	.....	8,006 14
Ashland.....	North Wisc. Toll Line Co.....	40,000 00	.....	337 15	.....	.....	758 43
Athens.....	Athens Telephone Co.....	6,000 00	.....	1,051 47	.....	.....	579 00
Attica.....	Attica Mutual Tel. Co.....	1,075 00	.....	159 90	502 13	.....	1,737 08
Augusta.....	J. L. Ball Telephone Co.....	15,295 00	.....	.....	.....	.....	15,295 00
Baldwin.....	Baldwin Telephone Co.....	15,000 00	.....	.....	.....	.....	15,900 00
Bangor.....	Bangor Telephone Co.....	20,000 00	.....	3,306 01	.....	.....	85 77
Baraboo.....	Baraboo Telephone Co.....	46,200 00	.....	2,478 40	382 36	.....	49,060 76
Belleville.....	Belleville Telephone Co.....	5,600 00	.....	290 00	.....	.....	3,190 00
Beloit.....	Beloit Farm Tel. Co.....	6,300 00	.....	1,147 00	.....	.....	2,344 00
Beloit.....	Beloit Home Tel. Co.....	100,000 00	.....	4,298 35	279 85	593 50	1,983 98
Berlin.....	Waushara Telephone Co.....	7,500 00	.....	1,100 00	.....	1,578 94	4,470 41
Blair.....	Preston Farmers Tel. Co.....	7,400 00	.....	73 63	.....	.....	7,473 03
Bloomer.....	Bloomer Telephone Co.....	15,000 00	.....	1,830 36	.....	.....	3,045 94
Boscobel.....	Boscobel Telephone Co.....	4,000 00	.....	.....	.....	.....	68 50
Bristol.....	Bristol Telephone Co.....	3,170 00	.....	1,032 77	286 79	.....	2,395 94
Brodhead.....	Brodhead Telephone Co.....	15,000 00	.....	.....	.....	.....	9,847 28
Brooklyn.....	Brooklyn Telephone Co.....	10,000 00	.....	140 00	82 55	.....	869 54
Bruce.....	Chippewa Valley Tel. Co.....	15,050 00	.....	3,550 00	.....	945 00	2,495 19

* Represents proprietor's capital and profits; company is not incorporated.

Burkhardt	Hudson Prairie Tel. Co.....	1,350 00	350 80	73 90	1,774 70
Burlington	Burl., Brighton & Wheatland Tel. Co.....	10,000 00	603 20	1,101 23	11,704 49
Burlington	Burl., Rochester & Kansasville Tel. Co.....	6,875 00	2,324 27	2,269 20	11,468 47
Cadott	Cadott Telephone Co.....	13,461 06	18 55		3,559 61
Cambridge	Cambridge Telephone Co.....	4,100 00	14 00	*126 00	3,988 00
Cedar Grove	Cedar Grove Tel. Co.....	5,000 00	850 00	29 44	5,979 44
Chippewa Falls	Chippewa County Tel. Co.....	28,325 00	230 30		35,255 14
Clinton	Clinton Telephone Co.....	9,000 00	7,100 00	4,316 52	26,133 77
Cottonville	Watson Telephone Co.....	3,420 00	875 00		4,295 00
Cobb	Iowa County Tel. Co.....	6,000 00	507 24		6,507 29
Coloma Station	Coloma Telephone Co.....	3,750 00	201 00		4,104 78
Crandon	Crandon Telephone Co.....	3,000 00	1,314 62		6,415 77
Deerfield	Deerfield Telephone Co.....	6,680 00	1,725 00		2,028 80
Dodgeville	New Union Tel. Co.....	38,185 00	4,500 00		1,079 00
Dorchester	Lapp & Sturmer Tel. Co.....	2,000 00	310 00		2,310 00
Eagle	Eagle Telephone Co.....	26,750 00	3,140 59	9,521 83	43,280 53
Edgerton	Edgerton Telephone Co.....	18,000 00	7,731 25		20,820 79
Elk Horn	State Long Distance Tel. Co.....	17,400 00	7,436 80	102 50	26,157 06
Elmwood	Highland Telephone Co.....	2,500 00	423 04		2,749 96
Elrick	Elrick Telephone Co.....	7,720 00	456 52		8,886 56
Florence	Michigan State Tel. Co.....	23,730 00	10,507 55		37,238 14
Fort Atkinson	Jefferson County Telephone Co.....	17,075 00	62 36	2,729 93	12,075 00
Fountain City	Fountain City Tel. Co.....	7,100 00		*1,893 28	5,116 22
Freistadt	Freistadt & Cedarburg Tel. Co.....	152 28		15 10	229 76
Fremont	Fremont Telephone Co.....	8,850 00	1,162 03		10,019 85
Glenwood	West Wisconsin Tel. Co.....	18,000 00			18,461 45
Gladwin	Gladwin Telephone Co.....	1,095 00	955 77	491 45	2,211 15
Goodrich	Goodrich Telephone Co.....	5,500 00	107 50	100 58	6,447 06
Grafton	Grafton Telephone Co.....	2,170 00	908 30	721 15	3,897 93
Greenwood	Greenwood Telephone Co.....	700 00	1,300 00		2,153 04
Grand Rapids	Crambore Telephone Co.....	10,650 00	7,081 70	153 04	22,141 35
Grand Rapids	Wood County Tel. Co.....	20,000 00	364 04	4,045 61	20,000 00
Grand Bay	Grand Bay Tel. Co.....	110,500 00			10,500 00
Hillsboro	Hillsboro Telephone Co.....	79,800 00	6,973 24	9,005 24	95,778 48
Hixton	Central Wisconsin Tel. Co.....				
Hollandale	Perry, Hollandale Tel. Co.....	1,175 00	240 00		1,034 98
Hubertus	Hubertus & Holy Hill Tel. Co.....	4,300 26		1,034 98	4,300 26
Jackson	Jackson Telephone Co.....	4,000 00	1,230 83	470 73	5,701 56

* Deftelt.

¹ Represents proprietors' capital and profits; company is not incorporated.

² Represents capital and profits of co-partnership; company is not incorporated.

TABLE V.—TELEPHONE COMPANIES, 1907—Continued.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.					
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.
Janesville.....	Rock County Tel. Co.	\$70,000 00		\$8,500 00			\$13,098 21
Kenosha.....	Kenosha Home Tel. Co.	175,000 00		27,267 64	\$781 38		218,532 23
Kiel.....	Eastern Wisconsin Tel. Co.	15,000 00		14,000 00	1,000 00		30,000 00
Kilbourn.....	Farmers' Inter-County Mutual Tel. Co.	10,000 00					11,900 00
Knapp.....	Knapp Telephone Co.	1,300 00	\$1,800 00	2,500 00			12,025 00
La Crosse.....	La Crosse Interurban Tel. Co.	28,025 00	17,500 00	18,645 07			65,791 33
La Crosse.....	La Crosse Telephone Co.	90,400 00		28,400 00			144,207 67
La Farge.....	La Farge Telephone Co.	10,905 00		395 00			10,300 00
Lake Mills.....	Interurban Telephone Co.	171,400 00	18,100 00	3,854 48			208,037 74
Lime Ridge.....	Peoples' Telephone Co.						11,025 00
Lindsay.....	Lindsay Telephone Co.	1,035 00		44 63			1,057 45
Lodi.....	Lodi Telephone Co.	110,175 00		900 00			10,975 00
Luxemburg.....	Luxemburg Telephone Co.	1,600 00		425 85			2,294 11
Madison.....	Dane County Rural Tel. Co.	5,350 00		3,400 00			*1,338 49
Madison.....	Dane County Tel. Co.	100,000 00	27,000 00	17 18			75,545 91
Markesan.....	Markesan Tel. Co.	13,689 37	4,500 00	53 63			8,225 00
Mauston.....	Mauston Electric Service Co.	734,300 00		8,600 00			41,241 29
Mauston.....	Juneau Electric Co.	5,700 00		2,200 00			9,000 00
Mazomanie.....	Mazomanie Tel. Co.	5,500 00		5,500 00			6,472 28
McFarland.....	Peoples' Tel. Co. of Dane Co.	3,250 00		736 00			4,318 63
Menomonee Falls.....	Menomonee Falls Tel. Co.	3,000 00		6,635 47			9,986 23
Merrill.....	Merrill Tel. Co.	25,000 00		1,000 00			28,293 81
Milton.....	Wilton & Milton Junction Tel. Co.	20,000 00		300 00	205 40		25,196 10
Milwaukee.....	Badger Telegraph & Tel. Co.	84,700 00	23,500 00	233 08	597 38		115,706 61
Milwaukee.....	Wisconsin Tel. Co.	7,400,500 00		972,310 98	81,490 74	391,822 53	9,544,275 39
Mineral Point.....	Mineral Point Tel. Co.	10,000 00					737 97
Mondovi.....	Mondovi Tel. Co.	12,000 00		600 00			9,600 00
Monroe.....	Monroe Tel. Co.	28,918 75		2,617 46	397 03	2,459 18	38,587 12
Monroe.....	The United Tel. Co.	20,075 00		1,195 11	209 24	3,770 52	27,901 89

*Bond expense undistributed.

*Represents proprietor's capital and profits; company is not incorporated.

*Deficit.

REPORT OF THE RAILROAD COMMISSION.

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Norfolkville.	Columbia County Tel. Co.	4,300 00				4,300 00
Moosenee.	Moosenee Tel. Co.	750 00				1,500 00
Mc. Horeb.	Verity Mutual Tel. Co.	2,450 00				5,873 53
Mc. Horeb.	Mc. Horeb Independent Tel. Co.	18,200 00				19,438 00
Nellisville.	Badger State Tel. & Telegraph Co.	20,000 00		1,497 10	220 71	35,782 97
Nelsonville.	Nelsonville Tel. Co.	1,650 00				1,884 72
Neosho.	Europa Tel. Co.	11,100 00		161 30	83 42	13,710 89
Oakfield.	Oakfield Tel. Co.	3,400 00	51,500 00	1,600 00	1,010 89	10,394 95
Osceola.	Osceola Farmer's Mutual Tel. Co.	10,000 00		1,049 70	4,194 95	13,613 42
Osseo.	Osseo Tel. Co.	13,550 00		3,620 00	2,456 47	18,292 86
Owen.	Owen Tel. Co.	2,000 00				2,783 16
Pardeeville.	Pardeeville Tel. Co.	2,350 00		783 16		2,375 00
Pekin.	Pekin Tel. Co.	16,270 00		1,420 00		7,680 00
Pewaukee.	Pewaukee-Sussex Tel. Co.	2,500 00		1,900 00		4,400 00
Phillips.	Price County Tel. Co.	10,000 00				10,000 00
Picketts.	Pitca Tel. Co.	5,000 00		294 56		6,149 55
Plymouth.	Plymouth Tel. Co.	1,100 00		1,850 00		9,198 49
Portage.	Rathbun Tel. Lines.	14,538 00		500 00	14 00	5,050 00
Port Washington.	Portage Tel. Co.	21,500 00		16,814 00	10,000 00	56,215 75
	Port Washington Tel. Co.	3,225 00		132 25	1,032 00	3,238 75
Poynette.	Poynette Tel. Co.	10,000 00				10,244 04
Poynette.	Leeds Farmers Tel. Co.	10,000 00				8,860 00
Prairie du Sac.	Troy & Honey Creek Tel. Co.	22,900 00				4,935 00
Racine.	Citizens Tel. Co.	110,080 00	109,400 00	8,165 00		36,000 00
Reedsburg.	Reedsburg Tel. Co.	2,000 00		23,117 56		256,145 52
				11,716 30	527 14	42,914 21
Rhinelander.	Rhinelander Mutual Tel. Co.	4,525 00	5,000 00	3,232 30		18,931 97
Rhinelander.	Ondeka & Vilas County Tel. Co.	2,300 00		650 00		5,408 46
Rib Lake.	Rib Lake Tel. Co.	5,000 00		120 00	9 88	5,246 50
Rice Lake.	Rice Lake & N. E. Tel. Co.	6,100 00				6,274 22
Rice Lake.	Barron County Tel. Co.	31,150 00				174 22
						10,409 23
Richland Center.	Farmers Tel. Exchange Co.	5,000 00		21,624 88		33,014 15
Riley.	Pine Bluff Tel. Co.	5,050 00			2,444 42	9,031 53
Ripon.	Ripon Rural Tel. Co.	5,000 00		3,417 33		8,750 95
Ripon.	Ripon Tel. Co.	8,000 00		480 00	90 75	83 31
River Falls.	Pierce County Tel. Co.	49,985 00		13,978 80		69,506 72
Scandinavia.	Scandinavia Tel. Co.	2,675 00		1,032 00		4,650 70
Scholesville.	Washington County Tel. Co.	970 00		555 55	2 25	1,527 80
Sharon.	Sharon Tel. Co.	10,000 00				11,023 19
Sheboygan.	Citizens Tel. Co.	100,000 00	47,500 00	4,503 73		163,283 02
Shullsburg.	Monroe County Tel. Co.	33,700 00		5,400 00	328 95	47,374 28

²Mortgage note.

Represents proprietors capital and profit; company is not incorporated.

***Benefit.**

TABLE V.—TELEPHONE COMPANIES, 1907.—Concluded.
Detailed Balance Sheets of Telephone Companies.

LOCATION.	NAME OF COMPANY.	LIABILITIES.						Total.
		Capital stock.	Bonds.	Current liabilities.	Accrued liabilities.	Reserves.	Surplus.	
Spooner.....	Washington County Farmers' Tel. Co.....	\$1,424.40	.....	\$76.50	\$3.05	.....	\$2.28	\$1,506.23
St. Croix Falls.....	St. Croix Valley Tel. Exchange Co.....	15,684.00	.....	4,779.10	211.79	.....	2,404.54	22,898.43
Stoughtonville.....	Breckin Tel. Co.....	2,184.00	.....	1,733.00	.....	.....	.....	3,920.00
Sullivan.....	Sullivan Tel. Co.....	10,000.00	.....	2,126.15	.....	.....	.....	13,092.11
Superior.....	Peoples' Tel. Co.....	94,000.00	\$84,500.00	10,679.84	.....	.....	30,701.97	230,881.85
Superior.....	Douglas County Tel. Co.....	212,887.99	.....	1,705.89	.....	.....	*527.34	214,094.54
Tomah.....	Tomah Electric & Tel. Co.....	18,000.00	.....	1,540.00	175.00	.....	1,504.00	20,209.00
Tomahawk.....	Electric Water & Tel. Co.....	5,000.00	.....	4,912.98	.....	.....	1,541.69	11,474.66
Union Grove.....	Union Grove Tel. Co.....	7,035.00	.....	5,000.00	.....	.....	551.00	12,586.00
Viroqua.....	Viroqua Tel. Co.....	10,000.00	.....	6,191.90	.....	.....	*672.21	15,519.69
Walworth.....	Walworth Tel. Exchange Co.....	6,700.00	.....	590.00	.....	.....	1,024.04	8,294.13
Washburn.....	Bayfield County Tel. Co.....	30,000.00	.....	25.00	.....	.....	2,412.88	\$2,437.88
Wausau.....	Citizens Tel. Co.....	11,111.48	.....	16,738.00	629.10	.....	.....	18,475.56
Wausaukee.....	Marathon County Tel. Co.....	7,525.00	.....	.....	.....	.....	5,038.00	13,463.00
Westby.....	Wausaukee Tel. Co.....	3,335.00	.....	750.00	.....	.....	*867.17	3,367.83
Westfield.....	Westby Tel. Co.....	8,750.00	.....	1,362.00	.....	.....	4,317.26	14,429.26
Weyerhaeuser.....	Westfield Farmers Tel. Co.....	2,805.00	.....	319.00	110.54	.....	840.00	5,863.60
Wilton.....	Weyerhaeuser & Island Lake Tel. Co.....	1,550.00	1,700.00	500.00	.....	.....	85.90	2,135.90
Wycocena.....	Ontario & Wilton Tel. Co.....	3,150.00	.....	2,518.18	189.75	.....	923.81	6,479.74
	Peoples' Tel. Co.....	34,350.00	4,000.00	.....	.....	.....	*1,000.00	37,350.00
Total.....		\$10,819,697.57	\$819,040.00	\$1,461,821.89	\$97,642.24	\$449,610.30	\$1,080,839.87	\$14,738,652.07

*Deficit.
¹Represents proprietor's capital and profits; company is not incorporated.

TABLE VI.—TELEPHONE COMPANIES, 1907.
Ratios of Operating Data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Percent- age of operating expenses to over- all revenue.
		General expense.	Operating expense.	Current repairs.	Miscel- laneous.	Recon- struction and deferred repairs.	Total.
Abbotsford.....	Abbotsford Electric Light & Tel. Co.....	3.01	96.99				50.10
Albany.....	The United Tel. Co.....	18.64	52.99	9.57	9.07	9.73	39.09
Alcona.....	Wisconsin Tel. Co.....	18.40	44.37	31.67	9.11	13.55	71.55
Alma.....	The Fountain City Tel. Co.....		83.74	16.26			114.40
Almond.....	The Almond Tel. Co.....	31.33	22.68		7.84	37.55	100.00
Amery.....	The Amery Electric Co.....						89.84
Antigo.....	Antigo Tel. Co.....	31.80	42.03	15.05	61	9.88	81.02
Appleton.....	Fox River Valley Tel. & Telegraph Co.....	2.07	47.30		3.19	47.35	63.46
Appleton.....	Wisconsin Tel. Co.....	12.36	34.03	10.32		42.69	76.47
Argyle.....	Argyle Tel. Co.....	16.48	40.49	23.54	7.94	11.55	82.41
Argyle.....	Argyle Tel. Co.....	2.85	84.91		12.34		76.62
Ashland.....	North Wisconsin Toll Line.....						100.00
Ashland.....	Ashland Home Tel. Co.....	38.90	46.90	12.87	1.63		65.48
Ashland.....	Wisconsin Tel. Co.....	6.79	64.04	17.43	18	11.56	64.98
Ashland.....	Wisconsin Tel. Co.....	21.05	27.40	27.07	5.67	18.81	121.04
Athens.....	Athens Tel. Co.....	14.53	64.81	20.66			100.00
Augusta.....	J. L. Ball Tel. Co.....	2.47	86.96	10.57			37.95
Baldwin.....	Baldwin Tel. Exchange.....						85.28
Baraboo.....	Baraboo Tel. Co.....	16.47	50.63	32.90			42.62
Bayfield.....	Wisconsin Tel. Co.....	18.06	73.55	3.99	3.97	.41	100.00
Beaver Dam.....	Wisconsin Tel. Co.....	24.97	39.00	32.47	8.52	14.96	46.02
Belleville.....	Wisconsin Tel. Co.....	15.50	34.72	33.86	6.04	8.98	82.42
Belleville.....	Belleville Tel. Co.....	18.26	42.99	38.75			78.22
Beloit.....	Beloit Home Tel. Co.....						81.56
Beloit.....	Wisconsin Tel. Co.....	12.98	38.02	24.35	3.40	21.55	80.68
Beloit.....	Waukegan Tel. Co.....	17.99	34.69	29.62	6.37	11.63	86.50
Berlin.....	Waukegan Tel. Co.....	17.49	21.28	32.75	1.21	22.37	85.26
Birmingham.....	Birmingham Tel. Co.....		83.08		8.85	7.17	41.37
Blanchardville.....	The United Tel. Co.....	18.03	55.56	7.91	4.05	13.85	66.43

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907.—Continued.
Ratios of Operating Data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Percent- age of operating expenses to oper- ating revenue.
		General expense.	Operating expense.	Current repairs.	Miscel- laneous.	Recon- struction and deferred repairs.		Total.
Bloomer.....	Bloomer Tel. Co.	14.74	57.18	28.08			100.00
Boscobel.....	Boscobel Tel. Co.	32.74	20.76	32.50	5.01	8.90	100.00
Bristol.....	Bristol Tel. Co.	13.83	52.42	9.14		24.51	100.00
Brookfield.....	Brookfield Tel. Co.	12.45	42.67	23.28	.36	21.24	100.00
Brookfield.....	Wisconsin Tel. Co.	10.29	37.81	11.33	4.77	35.80	100.00
Brooklyn.....	Brooklyn Tel. Co.	9.07	90.16		.77		100.00
Bruce.....	Chippewa Valley Tel. Co.	19.61	33.81	28.40	5.21	12.97	100.00
Burlington.....	Burlington, Brighton & Wheatland Tel. Co.	22.26	43.82	21.97	11.95	17.43	100.00
Burlington.....	Wisconsin Tel. Co.	19.65	43.59	36.45	7.73		100.00
Burnett Jct.....	Wisconsin Tel. Co.	12.14	40.44	17.75	4.10	25.57	100.00
Cambridge.....	Cambridge Tel. Co.	2.05	87.60	10.35			100.00
Cedarburg.....	Wisconsin Tel. Co.	16.67	45.55	10.35	10.87	16.56	100.00
Cedar Grove.....	Cedar Grove Tel. Co.	28.20	54.69	7.01	10.10		100.00
Chippewa Falls.....	Wisconsin Tel. Co.	17.01	37.39	30.62	7.44	7.54	100.00
Chippewa Falls.....	Chippewa County Tel. Co.	27.18	25.43	5.05		42.32	100.00
Clinton.....	Clinton Tel. Co.	9.08	60.33	20.99			100.00
Columbus.....	Wisconsin Tel. Co.	13.90	36.92	33.94	6.36	6.66	100.00
Corliss.....	Wisconsin Tel. Co.	11.71	40.85	10.08	3.08	33.38	100.00
Crandon.....	Crandon Tel. Co.	.54	40.62	56.84	2.00		100.00
Cumberland.....	Cumberland Tel. Co.	2.91	90.37		6.72		100.00
Darlington.....	Wisconsin Tel. Co.	19.06	47.13	25.16	6.60	2.03	100.00
Delavan.....	Wisconsin Tel. Co.	16.41	33.45	33.18	6.80	10.07	100.00
De Pere.....	Wisconsin Tel. Co.	14.12	32.80	29.60	5.53	17.80	100.00
De Pere.....	Fox River Valley Tel. & Telegraph Co.	5.17	64.68	19.83		10.32	100.00
Dorchester.....	Lapp & Sturmer Tel. Co.	5.56	54.90	9.20	30.34		100.00

¹ Excess of deductions from reserve over appropriations from revenues.

Eagle.....	Eagle Tel. Co.....	11.50	19.75	11.90	3.58	53.21	100.00	115.15
Eau Claire.....	Wisconsin Tel. Co.....	17.04	30.18	31.02	9.29	11.87	100.00	90.00
Eleva.....	Wau Tel. Co.....	42.49	18.05	12.95	25.91		100.00	78.77
Elkhorn.....	Wisconsin Tel. Co.....	20.91	43.76	39.51	6.37	10.84	100.00	132.36
Elkhorn.....	The State Long Distance Tel. Co.....	.28	48.87	4.47		46.38	100.00	58.62
Ellsworth.....	Pierce County Tel. Co.....	40.91	45.31	13.44	34		100.00	77.28
Florence.....	Michigan State Tel. Co.....	8.61	36.90	28.45	7.65	18.10	100.00	90.61
Fond du Lac.....	Wisconsin Tel. Co.....	17.22	37.24	26.07	9.16	9.71	100.00	54.42
Fort Atkinson.....	Wisconsin Tel. Co.....	22.06	55.21	20.93	7.55	5.75	100.00	188.40
Fountain City.....	Fountain City Tel. Co.....	22.22	34.45	36.81		6.52	100.00	101.11
Frankville.....	Frankville Tel. Co.....	14.40	32.06	27.80	25.08		100.00	92.28
Frederic.....	The Tri-State Tel. & Telegraph Co.....	15.80	55.06	28.48			100.00	104.34
Friesland.....	Madison Tel. Co.....	40.30	40.70	40.07	6.49	6.34	100.00	48.47
Genoa Jct.....	Wisconsin Tel. Co.....	18.49	28.01	40.07		3.12	100.00	87.70
Glenwood.....	West Wisconsin Tel. Co.....	25.75	64.06	1.74			100.00	70.86
Gildden.....	Gildden Tel. Co.....	37.16	47.38	3.81	11.05		100.00	98.87
Grafton.....	Grafton Tel. Co.....	18.84	31.85		11.49	57.72	100.00	66.20
Grand Rapids.....	Wisconsin Tel. Co.....	25.00	48.96	4.88	7.42	15.14	100.00	240.00
Grand Rapids.....	Wood County Tel. Co.....	41.31		58.09			100.00	130.30
Grantsburg.....	The Tri-State Tel. & Telegraph Co.....	16.24	61.05	22.71			100.00	49.60
Green Bay.....	Wisconsin Tel. Co.....	16.44	33.37	24.74	10.13	15.12	100.00	85.02
Green Bay.....	Brown County Tel. Co.....	64.92		5.40	29.08		100.00	48.57
Green Bay.....	Box River Valley Tel. & Telegraph Co.....	3.61	58.32	11.67		20.20	100.00	91.86
Green Lake.....	Wisconsin Tel. Co.....	15.74	35.24	19.94	9.18	20.00	100.00	84.14
Greenwood.....	Greenwood Tel. Co.....	45.26	32.22	6.75	15.77		100.00	116.40
Hartford.....	Wisconsin Tel. Co.....	14.17	37.85	14.75	6.96	26.97	100.00	99.04
Hartland.....	Wisconsin Tel. Co.....	17.60	48.01	23.09	1.98	1.77	100.00	95.84
Hillsboro.....	Hillsboro Tel. Co.....	1.60	36.25	35.97	1.37	52.34	100.00	85.05
Hixson.....	Central Wisconsin Tel. Co.....	12.94	50.31	35.14	1.61		100.00	44.72
Horton.....	Wisconsin Tel. Co.....	14.50	47.23	14.59	7.50	16.12	100.00	82.57
Hortonville.....	Wisconsin Tel. Co.....	17.31	46.18	24.94	5.97	3.60	100.00	88.20
Hudson.....	The North Western Tel. Exchange.....	22.63	29.26	27.07	10.80	27.12	100.00	107.52
Hudson.....	Wisconsin Tel. Co.....	15.08	39.36	27.97	7.43	17.36	100.00	70.76
Huron River.....	Wisconsin Light & Power Co.....	26.01	35.18	6.45		18.36	100.00	85.06
Janesville.....	Wisconsin Tel. Co.....	16.06	30.72	26.41	6.52	9.27	100.00	87.33
Jefferson.....	Wisconsin Tel. Co.....	18.08	36.52	30.90	5.88	1.45	100.00	98.49
Juneau.....	Wisconsin Tel. Co.....	16.32	35.10	15.26	6.70	3.76	100.00	112.60
Kaukauna.....	Wisconsin Tel. Co.....	12.97	35.70	27.14	4.86	27.25	100.00	112.22
Kenosha.....	Home Tel. Co.....	5.56	34.24	27.10	6.44	20.57	100.00	85.66
Keweenaw.....	Wisconsin Tel. Co.....	12.30	29.80	21.15	6.42	30.13	100.00	106.41

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907—Continued.
Ratios of operating data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Percent- age of operating expenses to operating revenue.
		General expenses.	Operating expenses.	Current repairs.	Miscella- neous.	Recon- struction and deferred repairs.	Total.
Kilbourn.....	Farmers' Inter-County Mutual Tel. Co.....	4.33	61.86	.....	1.80	32.21	100.00
Knappp.....	Knappp Tel. Co.....	.....	88.11	.....	11.89	.....	100.00
La Crosse.....	Wisconsin Tel. Co.....	17.05	29.54	39.87	8.08	15.46	100.00
La Crosse.....	La Crosse Tel. Co.....	31.08	48.54	20.38	.....	.....	100.00
La Farge.....	La Farge Tel. Co.....	5.17	74.16	.....	.....	20.67	100.00
Lake Geneva.....	Wisconsin Tel. Co.....	14.88	31.92	33.09	5.19	14.32	100.00
Lake Mills.....	Interurban Tel. Co.....	35.82	53.00	9.32	41	1.45	100.00
Lancaster.....	Wisconsin Tel. Co.....	14.57	42.06	24.37	6.10	12.30	100.00
Lima Center.....	Wisconsin Tel. Co.....	16.05	15.24	43.41	5.83	19.37	100.00
Loyal.....	Loyal Tel. Co.....	15.89	79.83	4.28	.....	.....	100.00
Madison.....	Wisconsin Tel. Co.....	14.27	28.82	22.54	7.03	26.09	100.00
Madison.....	Dane County Tel. Co.....	12.32	51.36	14.70	1.10	21.52	100.00
Manitowish.....	Wisconsin Tel. Co.....	11.55	35.26	10.60	7.65	34.94	100.00
Marquette.....	The Badger Tel. Co.....	10.88	75.96	8.05	.....	5.09	100.00
Marquette.....	Wisconsin Tel. Co.....	14.42	35.06	19.17	8.06	22.89	100.00
Markesan.....	Markesan Tel. Co.....	15.56	59.34	12.16	10.51	2.43	100.00
Mayville.....	Wisconsin Tel. Co.....	21.89	30.40	38.30	8.51	17.74	100.00
Mazomanie.....	Mazomanie Tel. Co.....	26.58	19.87	33.63	1.81	18.11	100.00
McFarland.....	Peoples Tel. Co. of Dane County.....	1.67	25.31	11.45	2.04	59.53	100.00
Menomonee Falls.....	Menomonee Falls Tel. Co.....	18.40	47.16	19.20	15.24	.....	100.00
Menomonee.....	Wisconsin Tel. Co.....	17.09	30.28	32.23	6.91	13.49	100.00
Merrill.....	Merrill Tel. Co.....	3.30	67.06	14.43	3.39	10.83	100.00
Milton.....	Milton & Milton Junction Tel. Co.....	1.88	80.92	17.20	.....	.....	100.00
Milwaukee.....	Wisconsin Tel. Co.....	14.10	36.20	20.91	10.01	18.78	100.00
Milwaukee.....	Badger Telegraph & Tel. Co.....	56.33	.....	32.46	7.33	1.88	100.00
Mineral Point.....	Mineral Point Tel. Co.....	18.97	49.22	26.26	5.55	.....	100.00
Monroe.....	Monroe Tel. Co.....	.....	55.71	44.29	.....	.....	100.00

¹ Excess of deductions from reserve over appropriations from revenues.

Monroe.....	The United Tel. Co.....	22.74	58.04	10.09	4.63	3.87	100.00	27.66
Monticello.....	The United Tel. Co.....	20.65	32.91	10.77	4.53	21.84	100.00	31.91
Morrisville.....	Columbia County Tel. Co.....	58.48	36.69	5.43	.....	.....	100.00	49.04
Nearah-Menasha.....	Wisconsin Tel. Co.....	14.06	33.52	26.76	9.41	15.34	100.00	61.52
Neillsville.....	Badger State Telegraph & Tel. Co.....	20.77	46.80	27.40	3.03	.....	100.00	55.12
New London.....	Wisconsin Tel. Co.....	18.50	50.10	30.00	6.61	15.21	100.00	99.93
New London.....	Fox River Valley Tel. & Telegraph Co.....	7.42	36.07	25.21	.....	26.30	100.00	401.25
Northwalk.....	Monroe County Tel. Co.....	7.94	32.47	13.84	3.62	41.76	100.00	52.70
Oakfield.....	Oakfield Tel. Co.....	7.68	31.64	34.26	5.13	21.14	100.00	62.92
Oconomowoc.....	Wisconsin Tel. Co.....	13.36	30.54	27.17	7.09	21.64	100.00	86.57
Oconto.....	Wisconsin Tel. Co.....	18.32	40.28	41.18	6.82	16.40	100.00	95.04
Oconto Falls.....	Wisconsin Tel. Co.....	18.82	53.70	25.98	6.64	17.15	100.00	73.78
Omro.....	Wisconsin Tel. Co.....	13.59	31.33	5.23	6.06	43.79	100.00	93.51
Oshkosh.....	Wisconsin Tel. Co.....	15.42	30.43	26.53	9.78	17.94	100.00	79.04
Peshigo.....	Wisconsin Tel. Co.....	19.54	14.29	63.83	11.47	19.13	100.00	68.92
Picketts.....	Ulrica Tel. Co.....	46.73	23.08	17.09	13.10	.....	100.00	52.90
Portage.....	Portage Tel. Co.....	3.73	51.99	14.52	26.78	.....	100.00	54.40
Port Washington.....	Wisconsin Tel. Co.....	10.43	42.91	21.47	6.91	12.96	100.00	107.85
Poynette.....	Poynette Tel. Co.....	.....	77.34	22.66	.....	.....	100.00	94.78
Prairie du Chien.....	Union Tel. Co.....	2.88	62.45	34.67	.....	.....	100.00	68.55
Princeton.....	Wisconsin Tel. Co.....	19.61	49.38	14.99	6.81	9.21	100.00	130.97
Racine.....	Wisconsin Tel. Co.....	14.22	28.14	27.35	7.23	23.00	100.00	124.15
Racine.....	Citizens' Tel. Co.....	19.45	52.70	27.85	.....	.....	100.00	45.28
Rhineland.....	Mutual Tel. Co.....	4.00	69.96	20.76	5.26	.....	100.00	53.85
Rio.....	Peoples Tel. Co. of Wyocena.....	1.94	75.39	17.30	5.37	.....	100.00	63.00
Ribon.....	Ribon Tel. Co.....	3.14	80.38	8.66	.....	7.82	100.00	69.29
River Falls.....	Pierce County Tel. Co.....	1.32	63.94	27.67	31	6.82	100.00	63.34
Roberts.....	Pierce County Tel. Co.....	4.08	95.15	27.77	.....	.....	100.00	43.00
Rochester.....	Hurlington, Rochester & Kansasville Tel. Co.....	15.60	39.52	21.19	23.69	.....	100.00	51.92
Rosendale.....	Rosendale Tel. Co.....	16.54	64.82	11.33	7.31	.....	100.00	52.66
St. Martins.....	Wisconsin Tel. Co.....	13.45	53.42	14.78	3.56	14.79	100.00	190.33
Seymour.....	Shiocton Tel. Co.....	13.39	49.01	14.73	22.87	.....	100.00	111.40
Sharon.....	Sharon Tel. Co.....	1.47	81.18	11.47	.....	5.88	100.00	48.25
Shawano.....	Wisconsin Tel. Co.....	18.22	46.52	27.36	8.38	1.43	100.00	80.32
Sheboygan.....	Citizens' Tel. Co.....	14.04	24.29	11.94	2.78	42.05	100.00	72.05
Shiocton.....	Shiocton Tel. Co.....	8.06	58.72	9.50	23.72	.....	100.00	88.22
Shullsburg.....	Wisconsin Tel. Co.....	19.53	50.75	26.47	6.52	14.18	100.00	104.18
South Milwaukee.....	Wisconsin Tel. Co.....	11.07	30.16	19.10	6.52	33.15	100.00	90.91
Sparta.....	Monroe County Tel. Co.....	14.76	29.64	32.83	5.91	19.86	100.00	45.86

¹ Excess of deductions from reserve over appropriations from revenues.

TABLE VI.—TELEPHONE COMPANIES, 1907.—Concluded.
Ratios of operating data.

LOCATION.	NAME OF COMPANY.	PERCENTAGE DIVISION OF OPERATING EXPENSES.					Percent- age of operating expenses to operating revenue.
		General expenses.	Operating expenses.	Current repairs.	Miscella- neous.	Recon- struction and deferred repairs.	Total.
Stanley.....	Wisconsin Tel. Co.....	20.61	47.33	34.74	7.26	19.94	100.00
Stevens Point.....	Wisconsin Tel. Co.....	18.98	43.29	27.63	7.30	2.80	100.00
Stoughton.....	Wisconsin Tel. Co.....	15.45	33.54	34.00	8.18	8.83	100.00
Sturgeon Bay.....	Wisconsin Tel. Co.....	15.80	37.01	32.22	6.57	8.30	100.00
Sun Prairie.....	Interurban Tel. Co.....	32.06	44.19	19.92	.58	2.65	100.00
Superior.....	Douglas County Tel. Co.....	13.94	39.88	21.53	6.73	17.88	100.00
Superior.....	Peoples Tel. Co.....	25.36	41.48	33.18			100.00
Tonahawke.....	Electric Water & Tel. Co.....	19.11	37.02	24.48	8.82	10.57	100.00
Turtle Lake.....	City Tel. Co.....	2.04	50.94	21.39	18.84	6.79	100.00
Viroqua.....	Viroqua Tel. Co.....	2.32	27.10	3.00	4.52	63.06	100.00
Washburn.....	Wisconsin Tel. Co.....	20.61	43.71	26.26	5.50	3.92	100.00
Watertown.....	Rayfield County Tel. Co.....	10.00	78.83	11.05	.02		100.00
Watertown.....	Interurban Tel. Co.....	39.37	46.73	10.24	.45	3.21	100.00
Watertown.....	Wisconsin Tel. Co.....	17.83	48.63	26.71	7.78	.99	100.00
Waukesha.....	Wisconsin Tel. Co.....	15.14	39.80	23.69	7.01	14.36	100.00
Waukegan.....	Waukegan Tel. Co.....	50.82	41.76	7.42			100.00
Waupun.....	Wisconsin Tel. Co.....	20.91	40.61	37.62	8.85	17.99	100.00
Wausaukee.....	Wausaukee Tel. Co.....	8.67	76.66	9.61	5.06		100.00
West Bend.....	Wisconsin Tel. Co.....	16.96	41.56	15.27	8.05	18.56	100.00
Westby.....	Westby Tel. Co.....	23.54	66.36	10.10			100.00
Whitewater.....	Wisconsin Tel. Co.....	16.25	38.27	33.98	6.29	7.21	100.00
Winneconne.....	Wisconsin Tel. Co.....	19.18	46.53	33.68	8.57	17.96	100.00
Wittenberg.....	Wittenberg Tel. Co.....	2.25	76.21	10.06	11.48		100.00
Wrightstown.....	Fox River Valley Telegraph & Tel. Co.....	2.33	77.26	10.06		10.35	100.00

¹ Excess of deductions from reserve over appropriations from revenues.

WISCONSIN TELEPHONE COMPANY.

Detailed Statement of Construction Cost as of January 1, 1908.

Exchange.	Cost.	Exchange.	Cost.
Algoma	\$6,329 42	Forwarded.....	\$1,347,757 09
Appleton	51,081 20	Lima Center.....	7,917 97
Ashland.....	65,413 53	Madison.....	266,223 46
Bayfield.....	7,571 77	Manitowoc.....	73,052 73
Beaver Dam.....	47,984 07	Marinette.....	68,183 28
Brookfield.....	7,166 18	Mayville.....	6,600 67
Burlington.....	14,950 33	Menomonie.....	54,863 24
Burnett Junction....	6,562 34	Milwaukee	2,792,012 60
Cedarburg.....	3,038 18	Neenah.....	89,239 28
Chippewa Falls.....	40,593 18	New London.....	10,780 80
Columbus.....	20,165 57	Oconomowoc	43,143 58
Corliss.....	6,991 58	Oconto.....	19,860 07
Darlington.....	8,778 03	Oconto Falls.....	2,189 53
Delavan.....	31,955 57	Omro.....	15,061 74
DePere.....	43,484 90	Oshkosh.....	208,839 01
Eau Claire.....	127,450 05	Peshigo.....	6,795 76
Elkhorn.....	6,562 49	Port Washington...	12,614 65
Fond du Lac.....	104,748 24	Princeton.....	2,950 28
Fort Atkinson.....	2,080 23	Racine.....	222,538 32
Genoa Junction.....	16,181 61	St. Martins.....	5,572 18
Green Bay.....	184,421 70	Shawano.....	10,382 28
Green Lake.....	3,458 79	Shullsburg.....	4,489 22
Hartford.....	15,904 49	South Milwaukee ..	27,721 47
Hartland.....	5,517 96	Stanley.....	5,790 80
Horicon.....	1,585 62	Stevens Point.....	30,802 07
Hortonville.....	10,353 12	Stoughton.....	29,889 06
Hurley.....	10,825 85	Sturgeon Bay.....	32,335 14
Janesville.....	59,670 50	Washburn.....	10,500 40
Jefferson.....	15,413 76	Watertown.....	27,139 03
Juneau.....	2,930 84	Waukesha.....	65,250 12
Kaukauna.....	37,234 99	Waupun.....	9,034 97
Kewaunee.....	11,266 78	West Bend.....	11,092 19
LaCrosse.....	181,759 38	Whitewater.....	23,432 53
Lake Geneva.....	74,362 85	Winneconne.....	1,216 03
Lancaster.....	10,961 99		
Forwarded	\$1,347,757 09	Total.....	\$5,445,280 55

Total exchange systems.....	\$5,445,280 55
Total toll system.....	1,768,376 55
Total undistributed.....	1,022,241 30

Total cost.....\$8,235,898 40

TABLES SHOWING NAMES OF UTILITIES NOT HAVING REPORTED, OR FURNISHING INCOMPLETE REPORTS.

The following utilities submitted reports which, although representing the best efforts of the officials, were so incomplete as to prevent their being tabulated on a uniform plan.

Electric Companies.

Benton Electric Light Co.	Benton, Wis.
Blanchardville Electric Light Plant.	Blanchardville, Wis.
Cadott Light & Power Co.	Cadott, Wis.
Cassville Municipal Light & Water Co.	Cassville, Wis.
Delavan Light & Power Co.	Delavan, Wis.
Eagle River Light & Power Co.	Eagle River, Wis.
Genoa Jct. Electric Light Co.	Genoa Jct., Wis.
Hazel Green Municipal Electric Light & Water Co.	Hazel Green, Wis.
Twin City General Electric Co.	Hurley, Wis.
Lodi Electric Light Plant.	Lodi, Wis.
Merrillan Electric Light Plant.	Merrillan, Wis.
Colby-Abbott Building Co.	Milwaukee, Wis.
Muscoda Light & Power Co.	Muscoda, Wis.
Neshkoro Milling Co.	Neshkoro, Wis.
The Peshtigo Lumber Co.	Peshtigo, Wis.
Phillips Light, Water & Power Co.	Phillips, Wis.
Prairie du Sac Electric Light Plant.	Prairie du Sac, Wis.
Reedsburg Municipal Light & Water Works.	Reedsburg, Wis.
Rio Electric Light Plant.	Rio, Wis.
Shawano Municipal Light & Water Works.	Shawano, Wis.
Sun Prairie Electric Light & Laundry Co.	Sun Prairie, Wis.
The C. A. Goodyear Lumber Co.	Tomah, Wis.
Tomahawk Electric, Water & Telephone Co.	Tomahawk, Wis.
Waupaca Electric Light & Railway Co.	Waupaca, Wis.
Wausau City Electric Light Plant.	Wausau, Wis.
Whitehall Electric Light & Water Works.	Whitehall, Wis.

Water Companies.

Baldwin Municipal Water Works.	Baldwin, Wis.
Hussa Bros. Electric Light & Power Co.	Bangor, Wis.
Blanchardville Water Works.	Blanchardville, Wis.
Bloomer Water Works.	Bloomer, Wis.
Cassville Municipal Light & Water Works.	Cassville, Wis.
Wisconsin Engine Co.	Corliss, Wis.
Eagle River Light & Water Co.	Eagle River, Wis.
Hazel Green Municipal Light & Water Co.	Hazel Green, Wis.
Hillsboro Water Works.	Hillsboro, Wis.
Mauston Municipal Water Works.	Mauston, Wis.
Milton Jct. Water Works.	Milton Jct., Wis.
Nellisville Municipal Water Works.	Nellisville, Wis.
Phillips Water, Light & Power Co.	Phillips, Wis.
Sharon Municipal Water Works.	Sharon, Wis.
Shawano Municipal Light & Water Works.	Shawano, Wis.
Shullsburg Water Works.	Shullsburg, Wis.
South Milwaukee Municipal Water Works.	South Milwaukee, Wis.
Spring Valley Water Works.	Spring Valley, Wis.
Whitehall Light & Water Works.	Whitehall, Wis.

The following utilities failed to make any report to the Commission, because no system of accounts had been kept which would permit making a satisfactory statement.

Electric Companies.

Colby Electric Light Plant.	Colby, Wis.
Florence Electric Light Plant.	Florence, Wis.
Greenwood Electric Light Plant.	Greenwood, Wis.
Hayward Electric Light & Power Co.	Hayward, Wis.
Oconto Falls Electric Light Plant.	Oconto Falls, Wis.
Pewaukee Electric Co.	Pewaukee, Wis.
Prescott Electric Light Co.	Prescott, Wis.
Prescott Electric Light Plant.	Rib Lake, Wis.
Rib Lake Electric Light & Power Co.	Spring Valley, Wis.
Spring Valley Light & Power Co.	Thorpe, Wis.
Thorpe Electric Light & Water Works.	Waterloo, Wis.
Waterloo Electric Light Plant.	

Gas Companies.

Sharon Gas Plant..... Sharon, Wis.

Water Works.

Blair Municipal Water Works.....	Blair, Wis.
Florence Municipal Water Works.....	Florence, Wis.
Glidden Municipal Water Works.....	Glidden, Wis.
Hurley Water Works.....	Hurley, Wis.
Independence Water Works.....	Independence, Wis.
Mayville Water Works.....	Mayville, Wis.
Minocqua Water Works.....	Minocqua, Wis.
New Glarus Municipal Electric Light & Water Co.....	New Glarus, Wis.
North Freedom Water Works.....	North Freedom, Wis.
Thorpe Water Works.....	Thorpe, Wis.

The following utilities failed to file schedules of rates, tolls and charges, together with their rules and regulations, as required by statute and requested by the Commission.

Electric Companies.

Colby Electric Light & Power Co.....	Colby, Wis.
Oconto Falls Electric Light Plant.....	Oconto Falls, Wis.
Rib Lake Electric Light Plant.....	Rib Lake, Wis.
Spring Valley Light & Power Co.....	Spring Valley, Wis.
Withee Electric Light Plant.....	Withee, Wis.

Gas Companies.

Monroe Gas Co.....	Monroe, Wis.
Sharon Gas Co.....	Sharon, Wis.

Water Companies.

Beaver Dam Water Co.....	Beaver Dam, Wis.
Black River Falls Water Co.....	Black River Falls, Wis.
Blanchardville Water Works.....	Blanchardville, Wis.
Cumberland Municipal Water Works.....	Cumberland, Wis.
Darlington Municipal Water Works.....	Darlington, Wis.
Ft. Atkinson Municipal Water Works.....	Ft. Atkinson, Wis.
Glidden Municipal Water Works.....	Glidden, Wis.
Hazel Green Electric Light & Water Works.....	Hazel Green, Wis.
Hurley Water Co.....	Hurley, Wis.
Independence Water Works.....	Independence, Wis.
Iron River Water, Light & Power Co.....	Iron River, Wis.
Juneau Municipal Water Works.....	Juneau, Wis.
Lodi Water Works.....	Lodi, Wis.
Mayville Water Works.....	Mayville, Wis.
Merrillan Water Works.....	Merrillan, Wis.
Milton Jct. Water Works.....	Milton Jct., Wis.
New Glarus Electric Light & Water Works.....	New Glarus, Wis.
New London Municipal Water Works.....	New London, Wis.
Port Washington Water & Light Plant.....	Port Washington, Wis.
Shullsburg Water Works.....	Shullsburg, Wis.
Soldiers Grove Municipal Water Works.....	Soldiers Grove, Wis.
Spooner Water & Light Plant.....	Spooner, Wis.
Thorpe Water Works.....	Thorpe, Wis.
Union Grove Water Works.....	Union Grove, Wis.
Wauwatosa Water Works.....	Wauwatosa, Wis.

TABLE VII.—TABLE OMITTED FROM INTRODUCTION.

(See page 60.)

Total Number of Service Connections and of Discriminations by Water Companies
(or Municipal Plants).

LOCATION OF UTILITY.	CHARACTER OF UTILITY.	SERVICE AT LESS THAN SCHEDULE RATES.			Total number of service connections.
		To municipality.		To private consumers.	
		Number of buildings.	Hydrants, fountains, etc.		
Algoma.....	Municipal.....	No report.....	No report.....	4	162
Ashland.....	Municipal.....	11	249	3	2,298
Bangor.....	Private.....	No report.....	No report.....	9	.....
Baraboo.....	Municipal.....	No report.....	No report.....	6	1,091
Bayfield.....	Municipal.....	2	42	.....	.....
Beloit.....	Private.....	18	8	1	1,459
Burlington....	Municipal.....	No report.....	70	25	456
Chippewa Falls..	Private.....	7	26	.....	.....
Clinton.....	Municipal.....	1	No report.....	.....	.....
Columbus.....	Municipal.....	All free.....	All free.....	3	264
Cumberland.....	Municipal.....	No report.....	No report.....	20	794
Eau Claire.....	Private.....	16	257	8	2,609
Edgerton.....	Municipal.....	2	2	.....	.....
Ellsworth.....	Municipal.....	No report.....	No report.....	1	92
Evansville.....	Municipal.....	No report.....	No report.....	2	230
Iron River.....	Private.....	No report.....	No report.....	2	211
Janesville.....	Private.....	All free.....	All free.....	21	2,719
Jefferson.....	Municipal.....	No report.....	No report.....	4	349
Kenosha.....	Municipal.....	All free.....	All free.....	(1)	3,576
La Crosse.....	Municipal.....	All free.....	All free.....	11	4,812
Lancaster.....	Municipal.....	(1)	(1)	25	465
Lake Mills.....	Municipal.....	No report.....	No report.....	1	456
Lodi.....	Municipal.....	2	229	7	191
Madison.....	Municipal.....	226	All free ⁴	216	4,474
Manitowoc.....	Private.....	No report.....	No report.....	24	1,871
Marshfield.....	Municipal.....	6	2	2	343
Monroe.....	Municipal.....	No report.....	No report.....	1	461
Nellsville.....	Municipal.....	None ²	None ²	3	261
Oconto.....	Private.....	No report.....	No report.....	10	1,032
Onalaska.....	Municipal.....	All free.....	All free.....	.....	.....
Oshkosh.....	Private.....	All free.....	All fr'e, par's too	11	975
Reedsburg.....	Municipal.....	3	53	2	475
Richland Center..	Municipal.....	All free.....	All free.....	25	468
Ripon.....	Private.....	4	All free.....	10	853
Shullsburg.....	Municipal.....	1	No report.....	.....	.....
Spooner.....	Municipal.....	No report.....	No report.....	1	132
Stoughton.....	Municipal.....	No report.....	All free.....	1	690
Tomah.....	Municipal.....	2	61	5	496
Two Rivers.....	Municipal.....	1	Parks free.....	1	445
Viroqua.....	Municipal.....	No report.....	No report.....	25	2,000
Washburn.....	Private.....	All free.....	All free.....	12	545
Waupun.....	Municipal.....	4	No report.....	1	412

¹ Churches, schools, etc., get free water.² Approximately.³ City charges itself for water.⁴ Water given free for cement work and street work.⁵ Employees also receive free water.

TABLE XI.—TABLE OMITTED FROM INTRODUCTION.

(See page 63).

Total Number of Consumers Supplied with Electric Service at Other Than Schedule Rates.

LOCATION.	NAME OF UTILITY.	NUMBER OF CONSUMERS.			Total number of consumers. (Commercial lighting.)
		At reduced rates.	Free.	Total	
Amery.....	Amery Electric Co.....	7	2	9	57
Antigo.....	Antigo Electric Light Plant.....	6	1	7	504
Appleton.....	Wisconsin Traction, L. H. & Power Co.....	2	2	4	1,360
Ashland.....	Ashland Light. Power & St. Ry. Co.....	9	(¹)	9	652
Athens.....	Athens Electric Light & Power Co.....	(²)	17	17	89
Algoma.....	Electric Light Plant.....	(³)	2	2	126
Baldwin.....	Baldwin Electric Light & Fuel Co.....	1	2	3	92
Bangor.....	Hussa Brothers Co.....	3	11	14	63
Baraboo.....	Baraboo Lighting Co.....	(³)	2	2	272
Bayfield.....	Bayfield Light, Power & Water Plant.....	4	(²)	4	190
Beaver Dam.....	Beaver Dam Light and Power Co.....	6	1	7	369
Beloit.....	Beloit Water, Gas & Electric Co.....	10	(²)	10	176
Bloomer.....	Bloomer Electric Light Plant.....	31	1	32	80
Boyd.....	Charles Shong & Co.....	2	(²)	2	34
Brodhead.....	Brodhead Electric Co.....	2	(²)	2	350
Burlington.....	Burlington Electric Light & Power Co.....	24	11	35	365
Cassville.....	Village of Cassville.....	21	(²)	21	68
Chetek.....	Chetek Light & Power Co.....	1	1	2	110
Chippewa Falls.....	Chippewa Falls Water Works & L. Co.....	1	(²)	1	356
Colby.....	City Light & Water Plant.....	(²)	1	1	58
Darlington.....	Darlington E. L. & W. P. Co.....	(³)	3	3	191
De Pere.....	De Pere Electric Light & Power Co.....	9	(²)	9	388
Durand.....	Durand Light & Power Co.....	39	3	42	99
Eau Claire.....	Chippewa Valley Ry., Light & Power Co.,	1	(²)	1	739
Evansville.....	Water & Light Department.....	10	(²)	10	190
Fond du Lac.....	Eastern Wisconsin Ry. & Light Co.....	34	7	41	1,335
Frederick.....	Dahlberg Brothers.....	2	1	3	80
Galesville.....	Davis Mill Co.....	(³)	(²)	?	200
Grand Rapids.....	Electric & Water Co.....	(³)	3	3	660
Janesville.....	Janesville Electric Co.....	5	(²)	5	886
Jefferson.....	City Lighting Department.....	(²)	5	5	217
La Crosse.....	La Crosse Gas & Electric Co.....	127	(²)	127	2,690
Ladysmith.....	Ladysmith Lighting Co.....	(²)	(²)	?	250
LaFarge.....	LaFarge Electric Co.....	7	(²)	7	74
Madison.....	Madison Gas & Electric Co.....	1100	(²)	1100	3,069
Manitowoc.....	Electric Light Co.....	(³)	110	110	978
Marinette.....	Menominee & Marinette Light & T. Co.....	13	(²)	13	650
Marshfield.....	Marshfield Electric Light & Power Co.....	(²)	4	4	530
Merrill.....	Merrill Railway & Lighting Co.....	18	(²)	18	241
Merrillan.....	Electric Light Co.....	1	(²)	1	.....
Milwaukee.....	Milwaukee Electric Ry. & Light Co.....	35	(²)	35	10,324
Milwaukee.....	Plankinton Electric Light & Power Co.....	20	(²)	20	112
Milwaukee.....	Wells Power Co.....	24	(²)	24	475
Mineral Point.....	Mineral Point Electric Light Co.....	(³)	1	1	177
Montello.....	Montello Granite Co.....	3	(²)	3	35
Neillsville.....	Electric & Water Supply Co.....	1	(²)	1	.....
New Glarus.....	New Glarus E. L. & W. Co.....	(³)	3	3	.....
New Richmond.....	City Lighting Plant.....	2	(²)	2	230
New Richmond.....	New Richmond Power Co.....	1	(²)	1	2
North Milwaukee.....	North Milwaukee Light & Power Co.....	15	4	19	72

¹ Approximations.² No report made.³ No number given.

TABLE XI.—Concluded.

Total Number of Consumers Supplied with Electric Service at Other Than Schedule Rates.

LOCATION.	NAME OF UTILITY.	NUMBER OF CONSUMERS.			Total number of consumers. (Commercial lighting.)
		At reduced rates.	Free.	Total.	
North Freedom...	North Freedom Electric Light Co	2	(²)	2	28
Oconto.....	Oconto Electric Co.	2	(²)	4	125
Osceola.....	Osceola Electric Light Co.....	1	(²)	1	43
Oshkosh.....	Oshkosh Gas Light Co.....	26	(²)	26	975
Port Washington.	Wisconsin Chair Co	1	(²)	1	198
Reedsburg.....	Reedsburg Water & Electric Co.....	(²)	12	12	364
Ripon.....	Ripon Light & Water Co.....	1	(²)	1	182
Seymour.....	S. L. Newell	27	(²)	27	90
Sparta.....	O. I. Newton & Sons	21	(²)	21	382
Spooner.....	Spooner Municipal Water & Light Plant..	1	(²)	1	130
Stanley.....	Northwestern Lumber Co	88	(²)	88	130
Stoughton.....	Municipal Electric Light System	110	2	112	368
Superior.....	Superior Water, Light & Power Co.....	2	(²)	2	1,826
Viroqua.....	Viroqua Electric Light Co.....	1	1	2	245
Walworth.....	H. T. Windsor Lighting Plant.....	15	(²)	15	77
Watertown.....	Watertown Gas & Electric Co.....	43	(²)	43	425
Waupaca.....	Waupaca Electric Light & Railway Co....	9	4	13	209
Wittenberg.....	Wittenberg Electric Co.....	4	(²)	4	81
Wyocena.....	Duck Creek Light & Power Co.....	4	(²)	4	59

¹ Approximations.² No report made.

PART XII



Rules of Practice.

1

RULES OF PRACTICE BEFORE THE COMMISSION.

I.

PUBLIC SESSIONS.

The general sessions of the Commission for hearing contested cases will be held at its office in the capitol in the city of Madison, on such days and at such hour as the Commission may designate.

When special sessions are held at other places, such regulations as may be necessary will be made by the Commission.

Sessions for receiving, considering, and acting upon petitions, applications, and other communications, and also for considering and acting upon any business of the Commission other than the hearing of contested cases, will be held at its said office daily when the Commission is in Madison.

II.

PARTIES TO RAILROAD CASES.

Any person, firm, company, corporation or association, mercantile, agricultural or manufacturing society, body politic or municipal organization, or railroad, may complain to the Commission by petition, of anything done, or omitted to be done, in violation of the provisions of ch. 362, laws of 1905, as well as other laws of said state by any common carrier or carriers subject to the provisions of said act or other acts. Where a complaint relates to the rates or practices of a single carrier, no other carrier need be made a party, but if it relates to matters

in which two or more carriers, engaged in transportation by continuous carriage or shipment, are interested, the several carriers participating in such carriage or shipment are necessary parties respondent.

Where a complaint relates to rates or practices of carriers operating different lines, and the object of the proceeding is to secure correction of such rates or practices on each of said lines, all the carriers operating such lines must be made respondents.

When the line of a carrier is operated by a receiver or trustee, both the carrier and its receiver or trustee should be made respondents in cases involving transportation over such line.

Persons or carriers not parties may petition in any proceeding for leave to intervene and be heard therein. Such petition shall set forth the petitioner's interest in the proceeding. Leave granted on such application shall entitle the intervenor to appear and be treated as a party to the proceeding, but no person, not a carrier, who intervenes in behalf of the defense, shall have the right to file an answer or otherwise become a party, except to have notice of and appear at the taking of testimony, produce and cross-examine witnesses, and be heard in person or by counsel on the argument of the case.

III.

PARTIES TO UTILITY CASES.

Any mercantile, agricultural or manufacturing society, or any body politic or municipal organization, or any twenty-five persons, firms, corporations or associations may complain to the Commission by petition that any of the rates, tolls or charges of any public utility are unreasonable, or anything done or omitted to be done by such utility in violation of the provisions of ch. 499, Laws of 1907, as well as other laws of this state. Where a complaint relates to the rules or rates of two or more utilities, the several utilities are necessary parties respondent.

Where any utility is operated by a receiver or trustee, both the utility and its receiver or trustee should be made respondents.

Parties or utilities not parties may petition in any proceeding for leave to intervene and be heard therein. Such petition shall set forth the petitioner's interest in the proceeding. Leave granted on such application shall entitle the intervener to appear and be treated as a party to the proceeding, but no person, not a utility, who intervenes in behalf of the defense, shall have the right to file an answer or otherwise become a party, except to have notice of and appear at the taking of testimony, produce and cross-examine witnesses, and be heard in person or by counsel on the argument of the case.

IV.

COMPLAINTS.

Complaints of unlawful rates, acts or practices by any common carrier or public utility, made in pursuance of sec. 12, ch. 362, Laws of 1905, or sec. 1797m—43, ch. 499, Laws of 1907, as well as other laws of this state, must be by petition or complaint, setting forth briefly the facts claimed to constitute a violation of the law. The name of the carrier or carriers, utility or utilities, complained against must be stated in full, and the address of the petitioner, with the name and address of attorney or counsel, if any, must appear upon the petition. The complainant must furnish as many copies of the petition as there may be parties complained against to be served. Complaints need not be verified except in case of a claim for a refund under sec. 1797—37u.

The Commission will cause a copy of the petition, with notice of investigation and to satisfy or answer the same within a specified time, to be served, personally or by mail in its discretion, upon each carrier or utility complained against.

V.

ANSWERS.

A carrier or utility complained against must answer within eight days from the date of service of the notice above pro-

vided for, but the Commission may, in a particular case, require the answer to be filed within a shorter time. The time prescribed in any case may be extended, upon good cause shown, by special order of the Commission. The original answer must be filed with the secretary of the Commission at its office in the city of Madison, and a copy thereof served, personally or by mail, upon the complainant, and the secretary notified forthwith of such service. The answer must specifically admit or deny the material allegations of the petition, and also set forth the facts which will be relied upon to support any such denial. Answers need not be verified, except in case of a claim for a refund under sec. 1797—37u. If a carrier or utility complained against shall make satisfaction before answering, a written acknowledgment thereof, showing the character and extent of the satisfaction given, must be filed by the complainant, and in that case the fact and manner of satisfaction, without other matter, may be set forth in the answer. If satisfaction be made after the filing and service of an answer, such written acknowledgment must also be filed by the complainant, and a supplemental answer setting forth the fact and manner of satisfaction must be filed by the carrier or utility.

In case of an investigation on motion of the Commission, the notice of investigation will take the place of a complaint in the proceeding. The answer will be served on the secretary of the Commission and this rule will apply so far as applicable.

VI.

NOTICE IN NATURE OF DEMURRER.

A carrier or utility complained against, who deems the petition or complaint insufficient to show a breach of legal duty, may, instead of answering or formally demurring, serve on the complainant notice of hearing on the petition; and in such case the facts stated in the petition will be deemed admitted. A copy of the notice must at the same time be filed with the secretary of the Commission. The filing of an answer, however, will not be deemed an admission of the sufficiency of the petition, but a motion to dismiss for insufficiency may be made at the hearing.

VII.

STIPULATION OF FACTS.

The parties to any proceeding or investigation before the Commission may, by stipulation in writing filed with the secretary, agree upon the facts, or any portion thereof involved in the controversy, which stipulation shall be regarded and used as evidence on the hearing. It is desired that the facts be thus agreed upon whenever practicable.

VIII.

HEARINGS ON COMPLAINT.

Upon issue being joined by the service of an answer or notice of hearing on the petition, the Commission will assign a time and place for hearing the case, which will be at its office in the city of Madison, unless otherwise ordered. Witnesses will be examined orally before the Commission, unless their testimony be taken or the facts be agreed upon as provided for in these rules. The complainants must in all cases establish the facts alleged to constitute a violation of the law, unless the carrier or utility complained against admits the same or fails to answer the petition. The carrier or utility must also prove facts alleged in the answer, unless admitted by the petitioner, and fully disclose its defense at the hearing.

In case of failure to answer, the Commission will take such proof of the facts as may be deemed proper and reasonable, and make such order thereon as the circumstances of the case appear to require.

Cases shall be argued orally upon submission of the testimony, unless a different time shall be agreed upon by the parties or directed by the Commission, but oral argument may be omitted in the discretion of the Commission.

IX.**HEARINGS ON VALUATION.**

In case of valuation of a public utility, copies of the tentative valuation of the physical property of the utility made by the engineers of the Commission will be served on the parties in interest, and within eight days after the service of the same all parties intending to appear at the hearing on such valuation shall file, in duplicate, with the secretary of the Commission a statement, by way of answer, setting forth in detail the objections to such tentative valuation. The Commission may require the answer to be filed within a shorter time, or may, upon good cause shown, extend such time. The Commission will assign a time and place for a hearing on such valuation, which will be in its office in the city of Madison, unless otherwise ordered.

X.**DEPOSITIONS.**

The testimony of any witness may be taken by deposition, at the instance of a party, in any proceeding or investigation before the Commission, and at any time after the same is at issue. The Commission may also order testimony to be taken by deposition in any proceeding or investigation pending before it, at any stage of such proceeding or investigation. Such depositions may be taken before any judge of any court of the United States, or any commissioner of a circuit, or any clerk of a district or circuit court, or any chancellor, justice, or judge of a supreme or superior court, mayor or chief magistrate of a city, judge of a county court or court of common pleas of any of the United States, or any notary public, not being of counsel or attorney to either of the parties, or otherwise interested in the proceeding or investigation, or, in case of complaint against a utility, by any person duly authorized by the Commission. The same notice of taking depositions that is required by the laws of Wisconsin in taking depositions in civil cases must be given in writing by the party or his attorney proposing to take such

deposition to the opposite party or his attorney of record, which notice shall state the name of the witness and the time and place of the taking of his deposition, and a copy of such notice shall be filed with the secretary.

When testimony is to be taken on behalf of a carrier or utility in any proceeding instituted by the Commission on its own motion, notice thereof, in writing, must be given by such carrier or utility to the Commission itself, or to such person as may have been previously designated by the Commission to be served with such notice.

Every person whose deposition is taken shall be sworn (or may affirm, if he so request) to testify the whole truth, and shall be carefully examined. His testimony shall be reduced to writing, which may be typewriting, by the magistrate taking the deposition, or under his direction, and shall, after it has been reduced to writing, be subscribed by the witness.

XI.

BRIEFS.

Briefs shall be filed by each party to the case, or by any party interested in the proceeding, setting forth the leading facts or conclusions which the evidence tends to prove, and referring to the particular part of the record relied upon to support such facts or conclusions. The brief on the part of the petitioner shall be filed within ten days after the receipt of the transcript of the testimony, and the brief on the part of the respondent within fifteen days after the receipt of such transcript, unless a different time shall be directed by the Commission. A copy of the brief filed on behalf of any party must at the same time be served upon the adverse party or parties, personally or by mail, and notice of such service filed with the secretary of the Commission. The time within which such briefs shall be filed will be determined by the Commission upon submission of the testimony. The Commission may, in its discretion, suspend this rule in any case.

XII.

RE-HEARINGS.

Applications for re-opening a case after final submission, or for re-hearing after decision made by the Commission, must be by petition, and must state specifically the grounds upon which the application is based. If such application be to re-open the case for further evidence, the nature and purpose of such evidence must be briefly stated, and the same must not be merely cumulative. If the application be for a re-hearing, the petition must specify the findings of fact and conclusions of law claimed to be erroneous, with a brief statement of the grounds of error; and when any recommendation, decision, or order of the Commission is sought to be reversed, changed or modified on account of facts and circumstances arising subsequent to the hearing, or of consequences resulting from compliance with such recommendation, decision or order which are claimed to justify a reconsideration of the case, the matters relied upon by the applicant must be fully set forth. Such petition must be duly verified, and a copy thereof, with notice of the time and place when the application will be made, must be served upon the adverse party at least ten days before the time named in such notice.

XIII.

WITNESSES AND SUBPOENAS.

Subpoenas requiring the attendance of witnesses from any place in the state of Wisconsin to any designated place of hearing, for the purpose of taking the testimony of such witnesses orally before one or more members of the Commission, or by deposition before a magistrate or person authorized to take the same, will, upon the application of either party, or upon the order of the Commission directing the taking of such testimony, be issued by any member of the Commission or any duly authorized agent of the Commission.

Subpoenas for the production of books, papers or documents

(unless directed to issue by the Commission upon its own motion) will only be issued upon application in writing. Applications to compel a party to the proceeding to produce books, papers or documents need only set forth in a general way the books, papers or documents desired to be produced, and that the applicant believes they will be of service in the determination of the case.

XIV.

WITNESS FEES.

Witness fees will be paid by the state to witnesses subpoenaed at the instance of the Commission or its duly authorized agent. Witness fees will be paid by the state to witnesses subpoenaed at the instance of parties other than the Commission or its duly authorized agent in the discretion of the Commission. No witness fees will be allowed except on subpoena.

XV.

APPLICATION FOR CERTIFICATE OF CONVENIENCE AND NECESSITY—RAILROAD.

Application for a certificate of public convenience and necessity shall give such history of the petitioner as shall be applicable; the route of proposed railroad, street railroad, or extension, giving the names of the cities, villages or towns in and through which it is to be constructed; the name of each railroad and street railroad with which the proposed construction is likely to compete; facts showing the proposed construction to be required by public convenience and a necessity; a statement of its financial condition and the manner in which it proposes to finance the proposed construction; all other facts deemed material by the petitioner.

The petition must be accompanied by complete maps and profiles, showing the location and route of the proposed construction, together with a general map, drawn to such scale as will show the location of all cities and villages within three miles

of the proposed construction; the proof of compliance with all conditions required by law precedent to such application.

A complete map is one which shows the line established by the location survey, with its tangent lines and connecting curves, the survey stationing, the boundaries and dimensions of the right of way, the property owners, land lines, highways, streets, railroads, water courses, and other prominent objects along the route, at such scale and in such detail as to enable the line to be readily identified and retraced on the ground, and the right of way to be described with certainty for condemnation or other purposes.

A complete profile is one which shows the profile of the line established by the location survey, with the grade line, the rates of grade, crossings of streams, highways and railroads, alignment notes, and such other data as may be required in making a reliable estimate of cost of construction or for other purposes.

The Commission will assign a time and place for the hearing of such application and the petitioner shall publish the notice of such hearing for two successive weeks in each county in which the road is proposed to be located, and file proof of publication with the Commission. Any person or corporation desiring to appear at such hearing in opposition to the granting of such application, must file with the secretary of the Commission written objections in duplicate, not less than five days prior to the date of such hearing. The Commission will hear testimony and arguments and, in its discretion, will allow errors, omissions or defects in the application, maps and profiles to be supplied and corrected, also changes in the proposed route, where the same are deemed desirable.

XVI.

APPROVAL OF PLANS AND SPECIFICATIONS.

Before commencing the construction of a railroad, such railroad company shall file with the Commission a condensed specification of the kind and character of construction it proposes to install, which shall comply with the statutes, and shall specify

the manner of crossing railroads and street railways. In case the proposed railroad does not cross any railroad or street railway, the hearing on the application will be *ex parte*; in case a crossing or crossings are involved, the Commission will set a time and place for a hearing, and in its order shall determine the manner and method of such crossing or crossings, and prescribe the kind and character of the protective appliances, if any, to be installed, and shall fix and apportion the expense of originally constructing and operating such crossings and protective appliances which shall be paid by the owners of the respective tracks.

XVII.

APPLICATION FOR CERTIFICATE OF CONVENIENCE AND NECESSITY—UTILITY.

Any municipality or corporation desiring to construct and operate a public utility in any municipality where there is in operation, under an indeterminate permit, a public utility engaged in similar service, shall file a petition with the secretary of the Commission, setting forth the names of all utilities engaged in similar service in such municipality, a general statement of the amount and character of their service, a statement of preliminary steps taken, a description of the works or system proposed to be constructed, the manner in which it is proposed to finance such construction, and all other facts deemed material by the petitioner; and at the same time serve a copy thereof, personally or by mail, upon the local utility or utilities, and notify the secretary of such service. The local utility shall answer such petition in the manner prescribed in rule V. In case of application by a corporation, the municipality must join in the petition. The Commission will assign a time and place for a hearing.

XVIII.

STOCKS AND BONDS.

Any public service corporation (except telephone companies) desiring to issue stocks or bonds, or both, shall file its applica-

tion with the Commission as provided by statute. The Commission may, in its discretion, order a hearing on such application, additional information to be submitted, a valuation of the physical property of the applicant to be made by the engineers of the Commission, before issuing its order.

XIX.

PURCHASE OF UTILITY BY MUNICIPALITY.

Any municipality having determined to acquire an existing plant, and the public utility owning such plant having consented to the municipality taking over same, or having consented by the acceptance of an indeterminate permit, or a jury or court having found that a necessity exists for such taking over, shall immediately file with the Commission a petition fully setting forth the facts; there shall be attached to such petition a certified copy of all proceedings of the municipal council relating to the matter and, in case of a judgment by a court, a certified copy of such judgment. A copy of such petition shall be immediately served on the utility in interest and the secretary of the Commission notified of such service. The Commission will proceed as set forth in rule IX.

XX.

APPLICATION TO INCREASE RATES.

Every public utility desiring to increase its rates or charges, shall file with the Commission the original application and six copies of same. Such application shall set forth the rates in force, the proposed rates and the reasons for the advance. The Commission will serve a copy of such application, together with a notice setting forth the time and place where the hearing shall be held, on six interested parties, and a copy of the notice on the applicant. Any interested party may appear at such hearing either in person or by attorney.

XXI.

PRINTING OF PLEADINGS, ETC.

Pleadings, depositions, briefs, and other papers of importance, shall be printed or in typewriting, and when not printed only one side of the paper shall be used.

XXII.

COPIES OF PAPERS OR TESTIMONY.

Copies of any petition, complaint or answer in any matter or proceeding before the Commission, or of any order, decision or opinion by the Commission, will be furnished without charge, upon application to the secretary by any person, carrier or utility party to the proceeding.

One copy of the testimony will be furnished by the Commission for the use of the complainant, and one copy for the use of the respondent, without charge; and when two or more complainants or respondents have appeared at the hearing, such complainants or respondents must designate to whom the copy for their use shall be delivered.

XXIII.

COMPLIANCE WITH ORDERS.

Upon the issuance of an order against any carrier or carriers, utility or utilities, after hearing, investigation and report by the Commission, such carrier or carriers, utility or utilities must promptly, upon compliance with its requirements, notify the secretary that action has been taken in conformity with the order, and when a change in rates is required, such notice must be given in addition to the filing of a schedule or tariff showing such change in rates.

XXIV.

SERVICE OF PAPERS.

Copies of notices or other papers, unless otherwise provided herein, must be served upon the adverse party or parties, personally or by mail; and when any party has appeared by attorney, service upon such attorney shall be deemed proper service upon the party.

XXV.

AFFIDAVITS.

Affidavits to any pleading or application may be made before any officer of the United States, or of any state or territory, authorized to administer oaths.

XXVI.

AMENDMENTS.

Upon application of any party, amendments to any petition or answer, or other paper in any proceeding or investigation, may be allowed by the Commission in its discretion.

XXVII.

ADJOURNMENTS AND EXTENSIONS OF TIME.

Adjournments and extensions of time may be granted upon the application of any party, or on the filing of a stipulation by the parties in interest, in the discretion of the Commission.

XXVIII.

INFORMATION TO PARTIES.

The secretary of the Commission will, upon request, advise any party as to the form of petition, answer or other paper necessary to be filed in any case, and furnish such information from the files of the Commission as will conduce to a full presentation of facts material to the controversy.

XXIX.

ADDRESS OF THE COMMISSION.

All complaints concerning anything done or omitted to be done by any carrier or utility, and all petitions or answers in any proceeding, or applications in relation thereto, and all letters and telegrams for the Commission must be addressed, Railroad Commission of Wisconsin, Madison, Wisconsin, unless otherwise specially directed.

2. That the above named Railway Company is a common carrier, engaged in the transportation of persons and property by railroad between points in the State of Wisconsin, and that as such common carrier, said Railway Company is subject to the

provisions of Chapter 87, of the Wisconsin Statutes of 1898, and acts amendatory thereto, and is likewise subject to the provisions of Chapter 362, of the laws of Wisconsin for the year 1905.

3. That (*here state concisely the matters intended to be complained of, numbering each succeeding paragraph.*)

.....

Wherefore, petitioner prays that the aforesaid Railway Company be required to answer the charges herein and that after due hearing and investigation an order be made commanding said Railway Company to cease and desist from said violations of the acts referred to in said petition, and for such other and further order as the Commission may deem necessary and just in the premises. (*Prayer may be varied so as to ask for the ascertainment of lawful rates or practices, and an order requiring the carrier to conform thereto. If reparation for any wrong or injury be desired the petitioner should state the nature and extent of the reparation he deems proper.*)

Dated at, this.....day of.....,

A. D. 190....

Petitioner.

No. 2.

Complaint against utility.

RAILROAD COMMISSION OF WISCONSIN.

.....

against

..... Company

The petition of the above named.....
 respectfully shows:

(1) (*State occupation and place of business.*)

.....

(2) That the above named
 Company is a public utility, engaged in the

 at....., in the State of Wisconsin,
 and that as such public utility said Company is subject to the
 provisions of Chapter 499 of the Laws of Wisconsin for the
 year 1907.

(3) *(Here state concisely the matters intended to be com-
 plained of, numbering each succeeding paragraph.)*

Wherefore, petitioner prays that the aforesaid.....
 Company be required to answer the charges herein, and that
 after due hearing and investigation an order be made command-
 ing said Company to cease and desist from said violations of
 the acts referred to in said petition, and for such other and
 further order as the Commission may deem necessary and just
 in the premises. *(Prayer may be varied so as to ask for the
 ascertainment of lawful rates or practices, and an order requir-
 ing the utility to conform thereto. If reparation for any wrong
 or injury be desired the petitioner should state the nature and
 extent of the reparation he deems proper.)*

Dated this.....day of....., A. D. 190....
,
 Petitioner.

No. 3.

Answer.

RAILROAD COMMISSION OF WISCONSIN.

.....
 against
 TheCompany.

The above named respondent, for answer to the complaint in
 this proceeding, respectfully states:

I. That *(here follow the usual admissions, denials and aver-
 ments. Continue numbering each succeeding paragraph.)*

Wherefore the respondent prays that the complaint in this proceeding be dismissed.

THE COMPANY.

By E. F.,
(Title of officer.)

No. 4.

BEFORE THE RAILROAD COMMISSION OF WISCONSIN.

Application.

In the Matter of the Application of the.....

.....

Company for authority to increase rates.

The petition of the above named.....
Company respectfully represents and shows:

(1) That it is a corporation organized and doing business under the laws of the State of Wisconsin;

(2) That its principal place of business is in.....
....., Wisconsin, and that it is a public utility engaged in the management and operation of a
..... in said, and that as such public utility it is subject to the provisions of Chapter 499, Laws of Wisconsin for 1907;

(3) That under the provisions of Section 1797m—105 of said Chapter 499, Laws of Wisconsin for 1907, it is unlawful for any public utility doing business within the state of Wisconsin to demand, collect or receive a greater compensation for any service than the charge fixed by it on the lowest schedule of rates for the same service on the first day of April, 1907.

(4) That on the said first day of April 1907, it had in effect the following schedules of rates, tolls and charges:

.....
.....

(5) That it applies to this Commission for authority to increase its rates for the reason that

.....
.....

(6) That application is hereby made for authority to increase the rates of said applicant and to put in effect the following schedule:

.....

Wherefore, the said Company prays that after due hearing and investigation the Railroad Commission make an order granting the application herein and establishing the proposed rates of charge, or such rates of charge as it may find to be equitable in the premises.

Dated at..... Wisconsin, this..... day of, 190....

.....,
 Petitioner.

No. 5.

Notice under Rule VI.

RAILROAD COMMISSION OF WISCONSIN.

.....
 against

TheCompany.

Notice is hereby given under Rule VI of the Rules of Practice in proceedings before the Commission that a hearing is desired in this proceeding upon the facts as stated in the complaint.

THE COMPANY.

By E. F.,
 (Title of officer.)

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ABBREVIATIONS USED IN THIS INDEX.

Am.=American.	mfg.=manufacturing.
assn.=association.	Milw.=Milwaukee.
bldg.=building.	No.=number.
Co.=company; also county.	pop.=population.
Com.=Railroad Commission of Wisconsin.	R. R.=railroad.
elec.=electric.	ry.=railway.
exch.=exchange.	tel.=telephone.
exp.=express.	telegr.=telegraph.
jct.=junction.	w. l.=whole line.
lbr.=lumber.	W. U.=Western Union.
lt.=light.	

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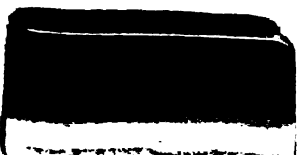
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